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BLUEAIR Air Purifier DustMagnet 5440i User Manual

Model: 5440i

1. INTRODUCTION

The BLUEAIR DustMagnet 5440i is an advanced air purifier designed to enhance indoor air quality by effectively removing airborne particles and odors. Featuring patented DustMagnet technology and HEPA Silent filtration, it provides efficient air cleaning with minimal noise. This manual provides essential information for setting up, operating, and maintaining your air purifier.

Key Features:

- **DustMagnet Technology:** Captures 99% of airborne dust before it settles on surfaces.
- **HEPA Silent Filtration:** Delivers up to 45% faster cleaning and up to 67% less noise than traditional HEPA filtration alone.
- **Large Room Coverage:** Cleans up to 1,713 sq ft in 60 minutes (or 357 sq ft in 12.5 minutes).
- **Smart Features:** In-app real-time tracking, Auto mode, Night Mode, Welcome Home feature, and voice control compatibility with Amazon Alexa.
- **Odor Removal:** Integrated carbon filter effectively traps household odors from pets, cooking, and smoking.
- **Quiet Operation:** Certified Quiet Mark approved, operating as low as 30 dB.
- **Energy Efficient:** ENERGY STAR rated, using as little as 7W on low.

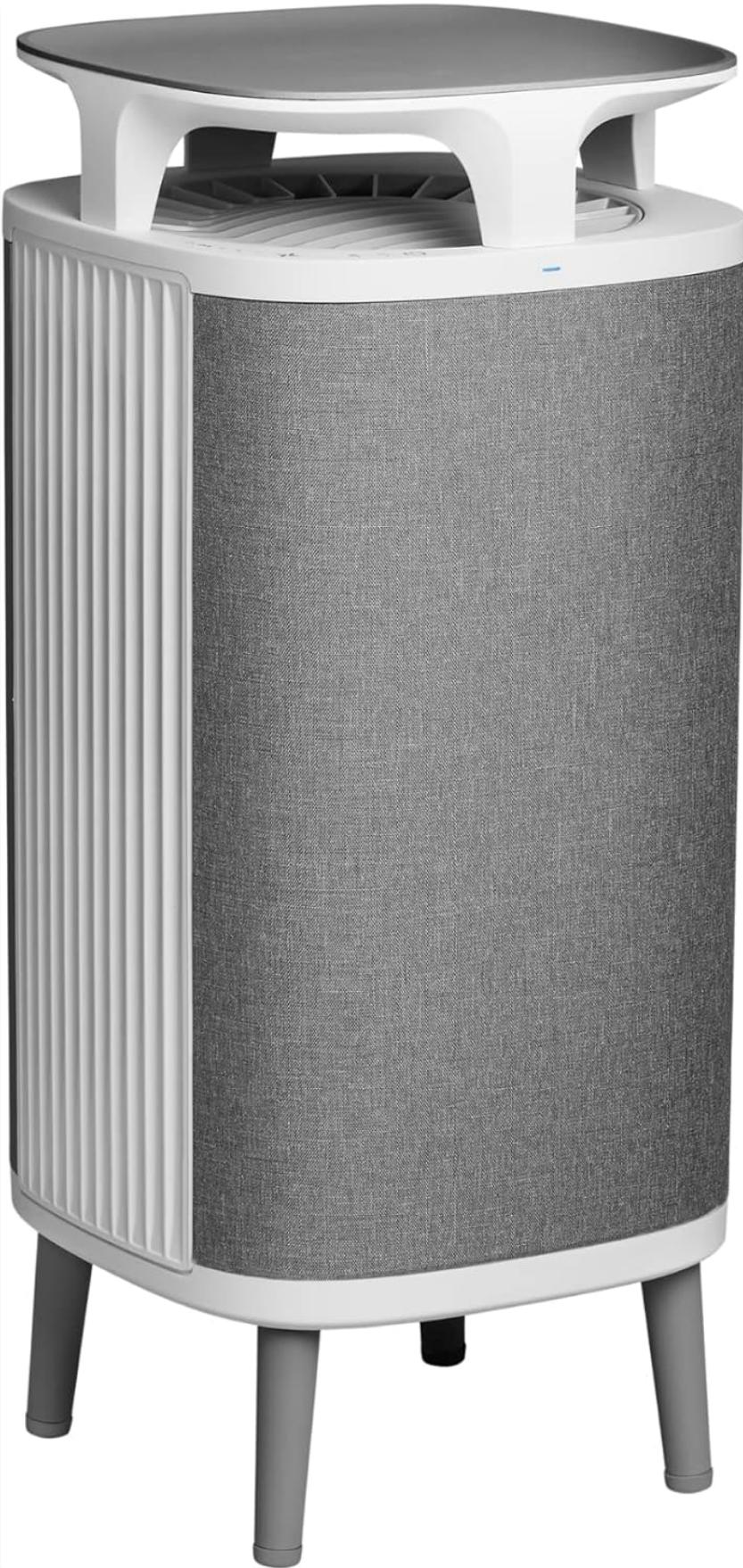


Figure 1: The BLUEAIR DustMagnet 5440i Air Purifier.

2. SETUP INSTRUCTIONS

2.1 Unboxing and Initial Placement

Carefully remove the air purifier from its packaging. Ensure all packing materials are discarded. The unit is

designed to be placed on the floor. Consider the dimensions of the unit (11.4"D x 11.4"W x 21.3"H) when choosing a location.



Figure 2: Product dimensions for optimal placement.

For optimal performance, place the air purifier in a central location within the room. Avoid placing it directly against walls or in corners, as the unit draws air from multiple sides. Maintain at least six inches of clearance from walls to ensure proper airflow. Avoid direct sunlight exposure.

2.2 Filter Preparation

Before first use, the protective plastic wrapping must be removed from the filters. Open the filter compartment

(refer to the maintenance section for details on accessing filters) and carefully unwrap each filter. Reinsert the filters into their designated slots.

2.3 Powering On and Initial Calibration

1. Plug the power cord into a wall outlet.
2. Press the power button on the control panel.
3. Set the unit to Auto mode. The air purifier will automatically begin to sense and display the air quality.
4. Allow up to 24 hours for the air quality sensor to fully calibrate and provide accurate readings. During this initial period, the PM2.5 display might show dashes or inconsistent numbers.

For a visual guide on unboxing and initial setup, refer to the video below:

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Video 1: Unboxing and initial setup of the Blueair DustMagnet 5440i.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

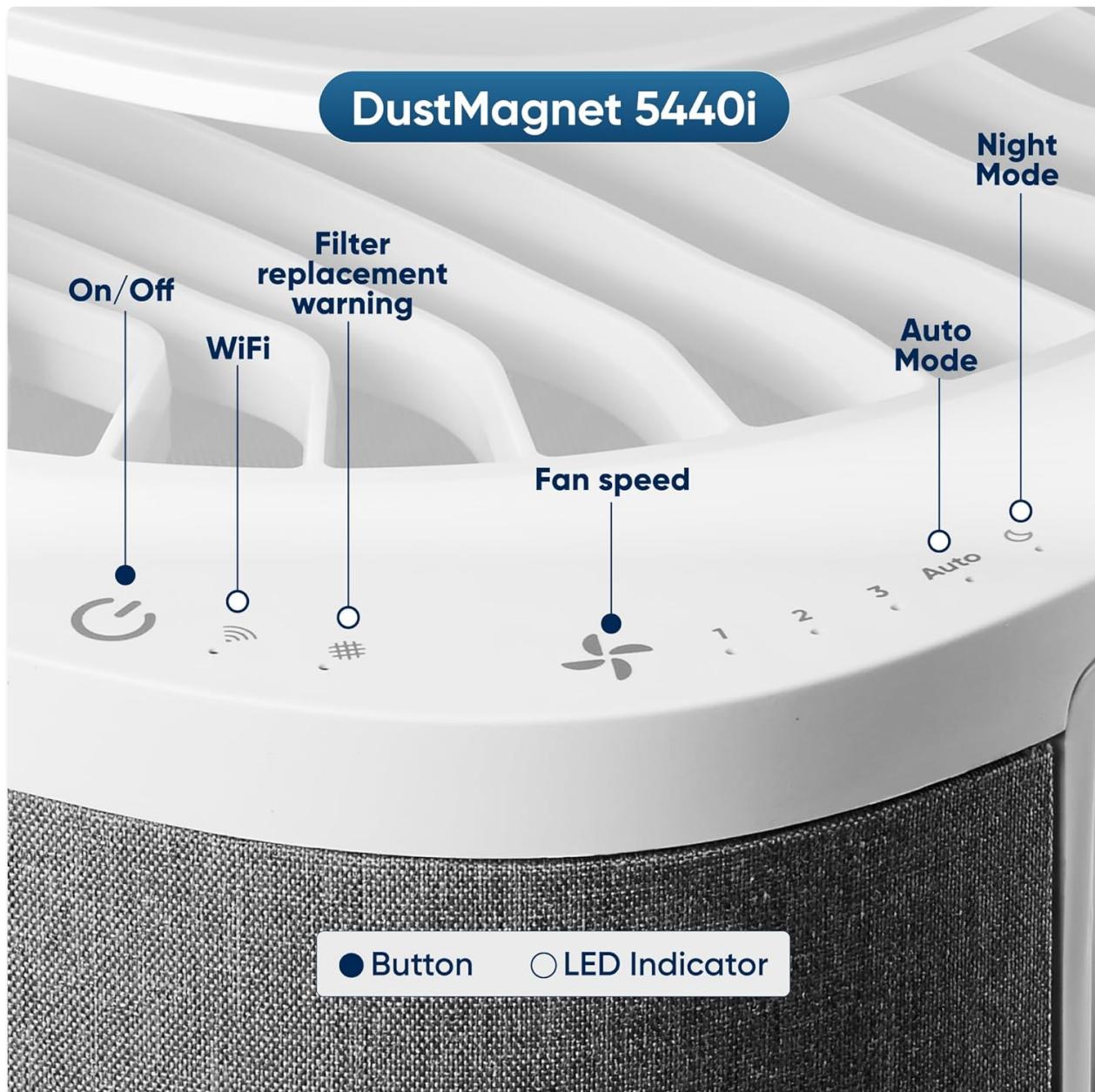


Figure 3: Control panel with touch buttons and LED indicators.

The control panel on top of the unit features touch-sensitive buttons and LED indicators for various functions:

- **Power Button:** Turns the unit on or off.
- **Night Mode:** Lowers fan speed and dims LED lights for undisturbed sleep.
- **Auto Mode (A):** Automatically adjusts fan speed based on detected air quality.
- **Fan Speed:** Manually adjust fan speed (multiple levels).
- **PM Display:** Shows real-time particulate matter (PM2.5, PM10, PM1) levels.
- **Filter Replacement Warning:** Indicates when filters need to be replaced.
- **Wi-Fi Indicator:** Shows Wi-Fi connection status.

3.2 Air Quality Indicator Light

A color-changing LED light on the front of the unit provides a quick visual indication of the current air quality:

- **Green:** Good air quality.
- **Blue:** Moderate air quality.
- **Yellow:** Polluted air quality.
- **Red:** Very polluted air quality.

3.3 Smart Features and App Control

The BLUEAIR DustMagnet 5440i can be controlled and monitored via the Blueair app, available for iOS and Android devices. The app unlocks advanced features:

- **Smart Sensors:** Track levels of coarse particles like dust, pollen, mold spores, ash, and fine particles like smoke, viruses, and bacteria.
- **Clean Air ETA:** Counts down the time until clean air is achieved when pollutant levels are high.
- **Welcome Home:** Automatically sets the air purifier to standby when you leave home and turns it back on before you return.
- **Night Mode:** Lowers fan speed and dims LED lights for uninterrupted sleep.
- **Voice Control:** Compatible with Amazon Alexa and Google Home for hands-free operation.

For a demonstration of the control panel and air quality monitoring, refer to the video below:

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Video 2: User review demonstrating the control panel and air quality readings.

4. MAINTENANCE

4.1 Filter Replacement

The DustMagnet 5440i uses combo-filters that include a particle filter and integrated carbon. These filters should be replaced approximately once a year, depending on usage and air quality. The unit will indicate when a filter replacement is due via the control panel and the Blueair app.

4.2 Accessing and Replacing Filters

1. Ensure the air purifier is turned off and unplugged before attempting any maintenance.
2. Locate the filter access points on the unit. The DustMagnet 5440i typically has two filters, one at the top and one at the bottom.
3. Carefully open the filter compartment(s) and remove the old filters.

4. Insert the new filters, ensuring they are correctly oriented.
5. Close the filter compartment(s) securely.
6. Plug the unit back in and turn it on. Reset the filter timer if prompted by the app or control panel.

For a visual guide on accessing and replacing filters, refer to the video below:

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Video 3: Demonstration of filter access and replacement.

5. TROUBLESHOOTING

If you encounter any issues with your BLUEAIR DustMagnet 5440i, please refer to the following common troubleshooting steps:

- **Unit not powering on:** Ensure the power cord is securely plugged into both the unit and a working electrical outlet.
- **Unusual noise:** Check if filters are correctly installed and free from obstructions. Ensure the unit is placed on a stable, level surface.
- **Air quality not improving:** Verify that filters are clean and not overdue for replacement. Ensure the unit is operating in an appropriate mode (e.g., Auto mode or a higher manual fan speed). Check for any external factors affecting air quality (e.g., open windows, strong odor sources).
- **App connectivity issues:** Ensure your Wi-Fi network is active and the unit is within range. Restart both the air purifier and your mobile device. Follow the app's instructions for re-pairing if necessary.

For persistent issues, please contact BLUEAIR customer support.

6. SPECIFICATIONS

Feature	Detail
Brand	BLUEAIR
Model Number	5431112000
Product Dimensions	11.4"D x 11.4"W x 21.3"H
Item Weight	14.96 pounds
Color	Grey
Floor Area Coverage	79 Square Meters (approx. 850 sq ft)
Noise Level	49 Decibels (max)
Wattage	7 watts (on low)
Particle Retention Size	0.1 Micron
Filter Class	MultiStageFilter, HEPAFilter, HEPSilentFilter
Controller Type	Amazon Alexa, Touchscreen, App
Specification Met	AHAM Certified

7. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your BLUEAIR DustMagnet 5440i Air Purifier, please visit the official BLUEAIR website or contact their customer service department. Keep your proof of purchase for warranty claims.

You can find more information and support resources at the [BLUEAIR Store](#).

Related Documents - 5440i

	<p>Blueair DustMagnet™ Air Purifier User Manual</p> <p>Comprehensive user manual for the Blueair DustMagnet™ air purifier, covering setup, operation, maintenance, safety, and specifications for models 5210i, 5240i, 5410i, and 5440i. Learn how to optimize performance, clean filters, and connect to the Blueair app.</p>
	<p>Blueair DustMagnet™ Air Purifier User Manual</p> <p>Comprehensive user manual for the Blueair DustMagnet™ air purifier, covering setup, operation, maintenance, safety, and specifications. Available in multiple languages.</p>
	<p>Blueair DustMagnet™ Air Purifier User Manual</p> <p>This user manual provides comprehensive instructions for the Blueair DustMagnet™ air purifier, covering setup, operation, maintenance, safety guidelines, and specifications for models 5210i, 5240i, 5410i, and 5440i.</p>
	<p>Blueair DustMagnet™ Air Purifier User Manual</p> <p>Comprehensive user manual for the Blueair DustMagnet™ air purifier, detailing setup, operation, maintenance, and specifications for models 5210i, 5240i, 5410i, 5415i, and 5440i.</p>
	<p>Blueair DustMagnet™ Air Purifier User Manual</p> <p>Comprehensive user manual for the Blueair DustMagnet™ air purifier, covering setup, operation, maintenance, safety, and specifications. Learn how to use and care for your device.</p>
	<p>Blueair DustMagnet™ User Manual - Air Purifier Guide</p> <p>Comprehensive user manual for Blueair DustMagnet™ air purifiers (models 5210i, 5240i, 5410i, 5440i). Learn about setup, operation, safety, maintenance, and app control for cleaner indoor air.</p>

