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BLUEAIR 5240i

BLUEAIR DustMagnet 5240i Air Purifier User Manual

Model: 5240i | Brand: BLUEAIR

INTRODUCTION

The BLUEAIR DustMagnet 5240i is an advanced air purifier designed to enhance indoor air quality by effectively removing airborne dust, allergens, and odors. Its unique DustMagnet technology and HEPASilent dual filtration system ensure efficient air cleaning with minimal noise. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your air purifier.

Key features include:

- Captures 99% of dust before it settles using dual air intake and vortex airflow.
- HEPASilent dual filtration for up to 45% faster cleaning & up to 67% less noise than traditional HEPA filtration alone.
- Smart features via the Blueair app, including real-time tracking, auto-adjustments, and 'Welcome Home' function.
- Quiet operation (23 dB in Night Mode) and ENERGY STAR rated for energy efficiency.
- Removes 99.99% of common allergens and effectively traps odors from pets, cooking, and smoke.

SETUP

Follow these steps to set up your DustMagnet 5240i air purifier:

1. **Unboxing:** Carefully remove the air purifier and all packaging materials from the box.
2. **Placement:** Place the unit on a flat, stable surface in the room where you wish to purify the air. Ensure there is adequate space around the unit for optimal airflow.
3. **Filter Installation:** The DustMagnet 5240i uses two combo-filters. Open the filter compartments (usually located on the sides or bottom, refer to visual guides). Insert the filters, ensuring they are oriented correctly. While the filters are designed for easy installation, ensure the arrows (if present) align with the airflow direction indicated on the unit or filter compartment.
4. **Power Connection:** Plug the power cord into a suitable electrical outlet.
5. **App Connection (Optional but Recommended):** Download the Blueair app from your device's app

store. Follow the in-app instructions to connect your air purifier to your home Wi-Fi network. This unlocks smart features and real-time air quality tracking.



Figure 1: Blueair DustMagnet 5240i Air Purifier in a home environment, showcasing its design and integration.



Accurate filter life tracking

Through ComboFilter & in-app features



ENERGY STAR certified

Uses less energy (4W) than an LED lightbulb on low



Tested against COVID-19

Captures 99.99% of SARS-COV-2 in a 1,280ft³ room



Clean Air for Children

Through advocacy & donations, we have improved access to clean air for over 1,000,000 children across the world



DustMagnet 5240i
Awarded for
"Product Design"
2021

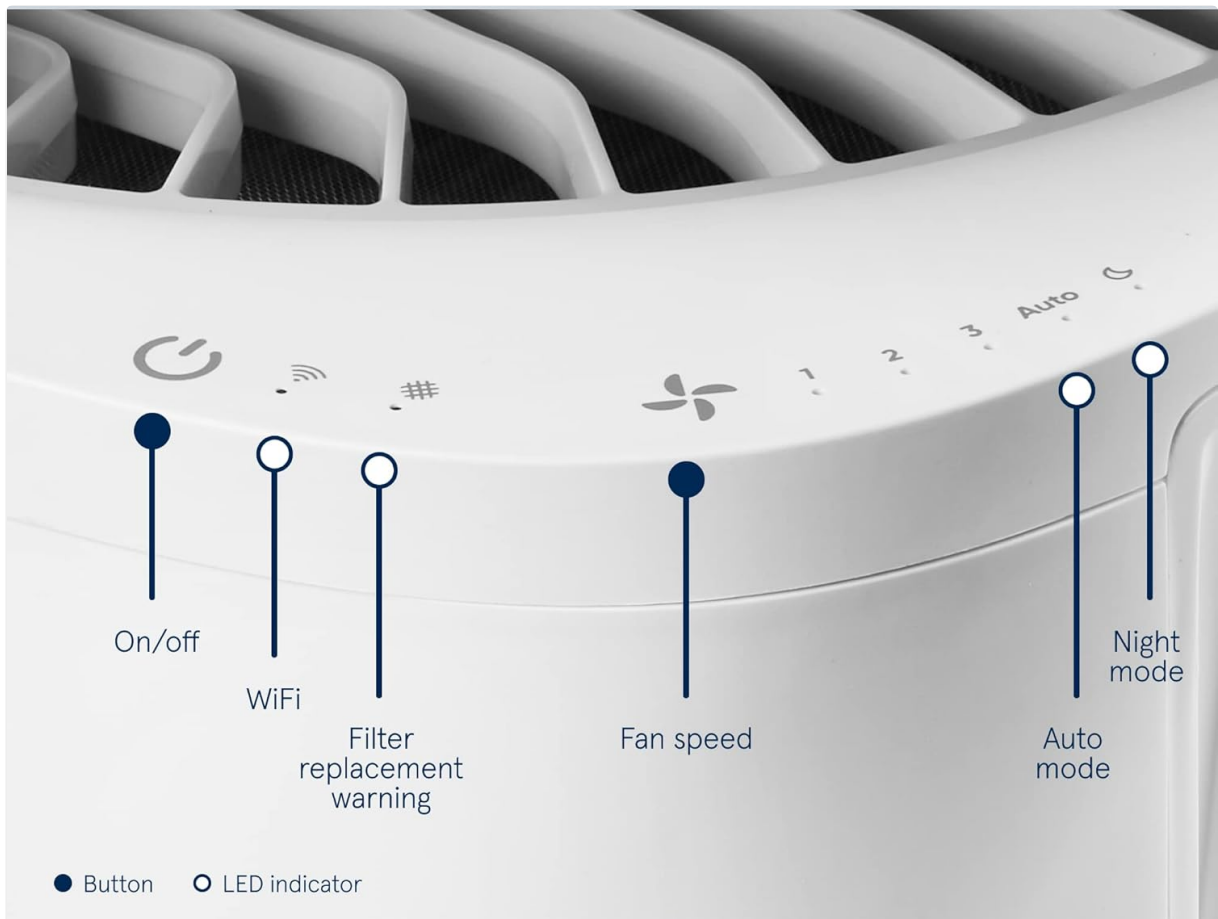
**Better performance,
better health, better future**

Figure 2: The air purifier connected to the Blueair app on a smartphone, demonstrating smart control capabilities.

OPERATING INSTRUCTIONS

Your DustMagnet 5240i offers various operating modes and controls:

- **Power On/Off:** Press the power button on the top panel to turn the unit on or off.
- **Fan Speed:** Cycle through different fan speeds (1, 2, 3) by pressing the fan speed button. Higher speeds provide faster air cleaning.
- **Auto Mode:** Activate Auto Mode for intelligent operation. The purifier will automatically adjust fan speed based on real-time air quality detected by its sensors.
- **Night Mode:** Select Night Mode for quiet operation and dimmed LED lights, ideal for undisturbed sleep.
- **App Control:** Use the Blueair app for comprehensive control, including setting schedules, monitoring air quality, adjusting LED brightness, and activating the 'Welcome Home' feature.
- **Voice Control:** The unit is compatible with Amazon Alexa and Google Home for convenient voice commands.



Compact & easy-to-use

Figure 3: Detailed view of the intuitive control panel on the top of the air purifier.



Smart sensors

Track levels of coarse particles like dust, pollen, mold spores, ash and fine particles like smoke, viruses, and bacteria.*



Clean air ETA

If pollutant levels creep up, app counts down progress with real-time updates until air is clean.



Welcome home

Saves time and conserves energy while ensuring clean air when entering your home.



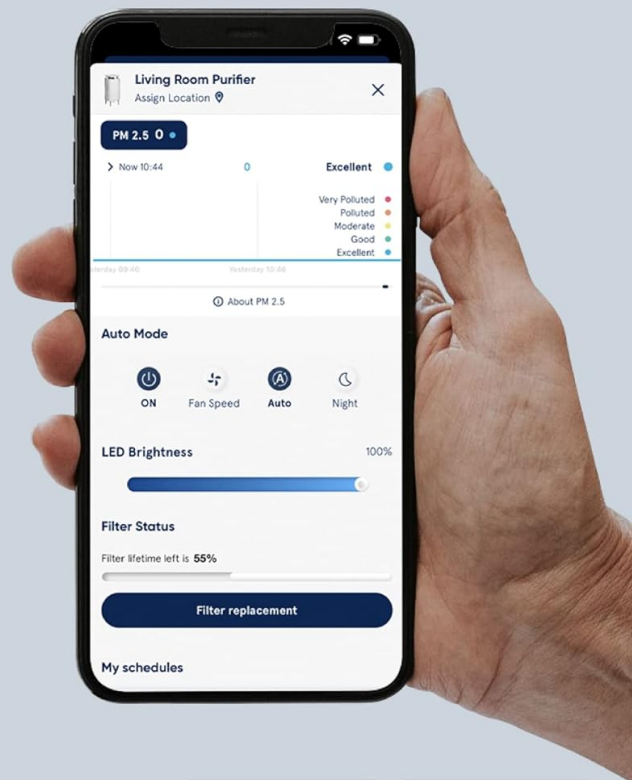
Night mode

Lowers fan speed and dims LED lights for uninterrupted sleep.



Voice Control

With Amazon Alexa & Google Home control



Advanced in-app features

Figure 4: The Blueair app interface, providing real-time air quality tracking and remote control functionalities.

Your browser does not support the video tag.

Video 1: An official demonstration of the Blueair DustMagnet air purifier, highlighting its features and how it blends into a home environment.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air purifier.

- **Filter Replacement:** The unit features a filter replacement warning indicator. Replace filters when indicated by the LED or the Blueair app. Filter life tracking is available through the app.
- **Cleaning:** The fabric pre-filters and exterior can be cleaned by hand washing or wiping with a soft, damp cloth. Ensure the unit is unplugged before cleaning.

Space size	Time to clean air	ACH Air changes per hour
212 ft ²	12.5 minutes	4.8 ACH 
254 ft ²	15 minutes	4 ACH
339 ft ²	20 minutes	3 ACH
508 ft ²	30 minutes	2 ACH
1017 ft ²	60 minutes	1 ACH



Clean air in a matter of minutes

Figure 5: Illustration of accurate filter life tracking available via the ComboFilter and in-app features.

TROUBLESHOOTING

If you encounter issues with your DustMagnet 5240i, refer to the following common solutions:

- **Unit Not Turning On:**

- Ensure the power cord is securely plugged into both the unit and a working electrical outlet.
- Check if the power button has been pressed firmly.

- **Poor Air Quality Readings / Ineffective Purification:**

- Verify that the filters are installed correctly. Ensure they are not clogged with excessive dust; replace if necessary.
- Check the unit's placement; ensure it's not obstructed and has sufficient space for air intake and output.
- Confirm the unit is operating at an appropriate fan speed for the room size and current air quality.

- **App Connectivity Issues:**

- Ensure your Wi-Fi network is active and the signal strength is adequate where the purifier is located.
 - Restart both your Wi-Fi router and the air purifier.
 - Re-attempt the pairing process through the Blueair app.
- **Unusual Noise:**
 - Check for any obstructions in the air intake or output vents.
 - Ensure filters are properly seated and not loose.

For further assistance, consult the Blueair app or visit the official Blueair support website.

SPECIFICATIONS

Attribute	Value
Brand	BLUEAIR
Model Number	5240i
Color	Grey
Product Dimensions (D x W x H)	9.1"D x 9.1"W x 20.5"H
Floor Area Coverage	212 Square Feet
Noise Level	31 dB (23 dB in Night Mode)
Particle Retention Size	0.1 Micron
Controller Type	Amazon Alexa, Blueair App
Wattage	5 watts
Item Weight	9.9 pounds
Certifications	AHAM Certified, CARB Certified, Energy Star Certified
Care Instructions	Hand Wash (for fabric pre-filters)



Figure 6: Product dimensions for the Blueair DustMagnet 5240i.

WARRANTY AND SUPPORT

For warranty information, product registration, or technical support, please visit the official Blueair website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources:

- Blueair Official Website: www.blueair.com
- Blueair App: Available on Apple App Store and Google Play Store

