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Evapolar EV-3000

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Model: EV-3000

1. INTRODUCTION

The Evapolar evaSMART Personal Air Cooler (Model EV-3000) is a compact and energy-efficient device designed to cool, humidify, and purify the air in your personal space. Utilizing natural evaporative technology, it provides a refreshing microclimate, ideal for desks, bedrooms, or small areas. This manual provides essential information for the safe and effective operation and maintenance of your evaSMART air cooler.

Package Contents:

- Evapolar evaSMART Personal Air Cooler (EV-3000)
- Replaceable evaBREEZE Cartridge (pre-installed)
- USB-C Power Cable
- Power Adapter
- Product Guide (this manual)



Figure 1: Evapolar evaSMART Personal Air Cooler (White)

This image shows the compact white Evapolar evaSMART unit with its distinctive black grille and a soft blue light emanating from its side, indicating its operational status and aesthetic features.

2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before using the device. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not immerse the device in water or other liquids.
- Ensure the power adapter and cable are compatible with your local power supply.
- Do not block the air inlets or outlets during operation.
- Keep the device out of reach of children and pets.
- Use only clean tap water or distilled water in the reservoir. Do not add essential oils, perfumes, or other chemicals to the water, as this may damage the device and void the warranty.
- Unplug the device before cleaning or performing any maintenance.
- Do not attempt to disassemble or repair the device yourself. Contact authorized service personnel for assistance.
- Avoid placing the device on uneven or unstable surfaces.

3. SETUP

Follow these steps for initial setup of your Evapolar evaSMART:

1. **Unpack the Device:** Carefully remove the evaSMART air cooler and all accessories from the packaging.
2. **Place on a Flat Surface:** Position the device on a stable, flat surface, ensuring there is adequate space around it for proper airflow.
3. **Fill the Water Reservoir:**
 - Remove the water reservoir from the side of the unit.
 - Fill the reservoir with clean tap water or distilled water up to the MAX fill line (approximately 1300 ml / 44 oz).
 - Carefully reinsert the filled reservoir into the device until it clicks into place.

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Video 1: Step-by-step guide for evaSMART air cooler

This video provides a comprehensive step-by-step guide on how to set up and begin using your evaSMART air cooler, including filling the water reservoir and initial power-on procedures.

4. **Connect to Power:** Connect the USB-C power cable to the device and then plug the power adapter into a suitable electrical outlet. The device will emit a short vibration and the power button on the top panel will light up.
5. **Download Mobile App (Optional):** For advanced control and smart home integration, download the Evapolar Mobile App from your smartphone's app store.



Figure 2: Interactive Cooling Features

This image highlights the interactive features of the evaSMART, including its night mode, color playlists, interactive touchscreen, cooling schedule, and Wi-Fi connectivity for mobile app and smart home integration.

4. OPERATING INSTRUCTIONS

Basic Operation:

1. **Power On/Off:** Press the power button on the top panel of the device to turn it on or off.
2. **Adjust Airflow Direction:** Use the slider on the sidewall of the device to manually adjust the direction of the airflow.

Top Panel Controls:

The interactive touchscreen on the top panel allows you to control various settings:

- **Temperature Display:** Shows the current temperature and humidity.
- **Fan Speed:** Adjust the fan speed using the up/down arrows. The device offers 100 speed settings.
- **Light Control:** Cycle through different LED light colors and brightness levels.
- **Timer:** Set a timer for automatic shut-off.
- **Wi-Fi Indicator:** Shows Wi-Fi connection status for app and smart home integration.

Features

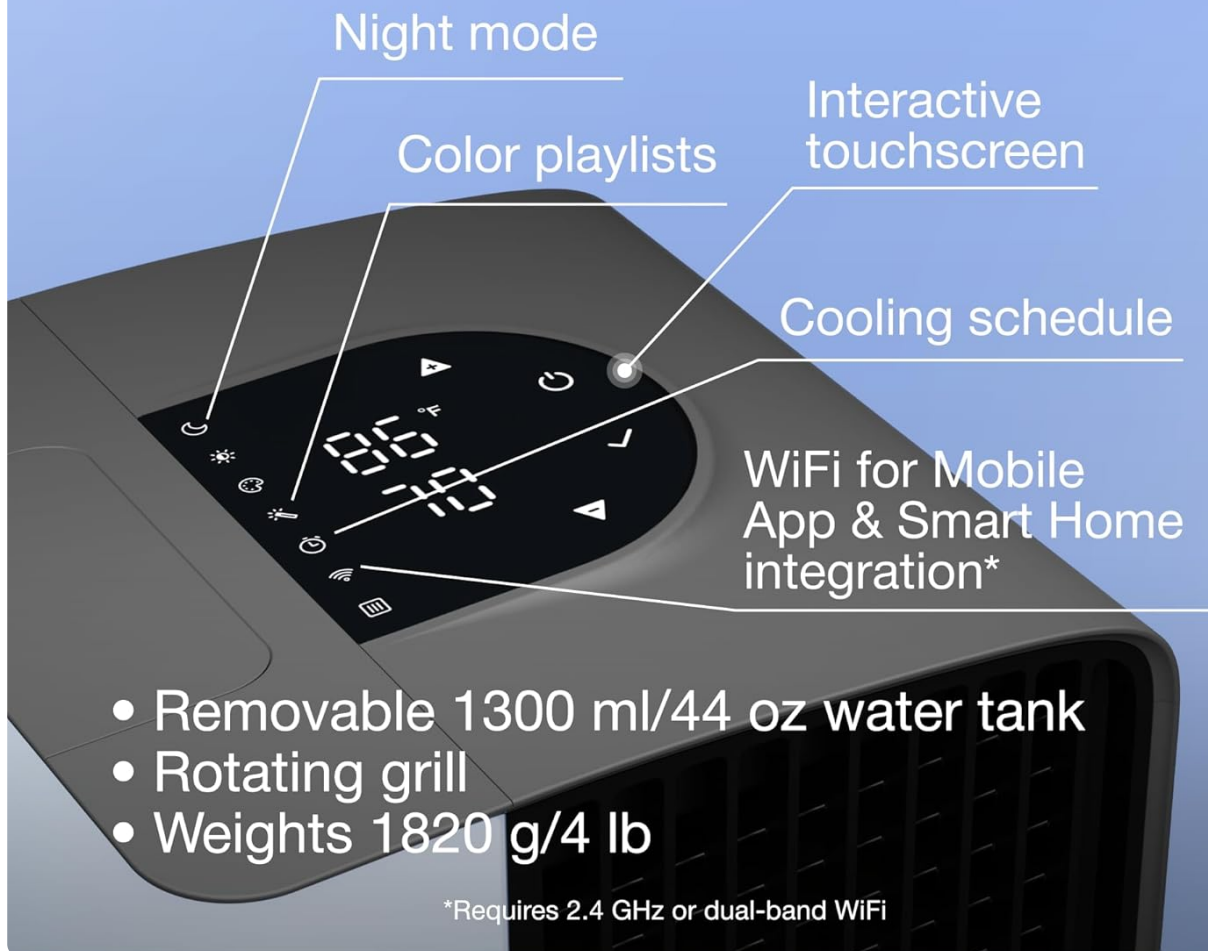


Figure 3: Top Panel Controls

This image provides a detailed view of the evaSMART's top control panel, highlighting features such as night mode, color playlists, interactive touchscreen, cooling schedule, and Wi-Fi integration for mobile app and smart home control.

Smart Control (Mobile App & Voice Assistant):

For enhanced control, connect your evaSMART to the mobile app or compatible smart home systems (e.g., Alexa). This allows for remote control, scheduling, and voice commands.

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Video 2: Evapolar EvaSMART Personal Evaporative Air Cooler with Alexa support

This video demonstrates the smart home integration of the Evapolar evaSMART, specifically its compatibility with Alexa for voice-activated control. It shows how users can command the device to switch on, highlighting its convenience and modern features.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your evaSMART air cooler.

Cleaning the Device:

- Always unplug the device before cleaning.
- Wipe the exterior of the device with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Clean the water reservoir regularly to prevent mold or mildew buildup. Rinse it thoroughly with clean water.

Replacing the evaBREEZE Cartridge:

The evaBREEZE cartridge should be replaced every 3-6 months, depending on usage and water quality, to maintain optimal cooling and air purification performance. The device will indicate when a replacement is needed.

1. **Power Off and Unplug:** Ensure the device is turned off and unplugged from the power source.
2. **Remove Back Panel:** Gently open the back panel of the device.
3. **Remove Old Cartridge:** Carefully pull out the old evaBREEZE cartridge.
4. **Insert New Cartridge:** Insert a new, genuine Evapolar evaBREEZE cartridge into the slot. Ensure it is seated correctly.
5. **Close Back Panel:** Close the back panel until it clicks securely.

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Video 3: How to replace the evaSMART EV-3000 cartridge

This video provides a step-by-step guide on how to safely and correctly replace the evaBREEZE cartridge in your evaSMART EV-3000 air cooler, ensuring continued optimal performance.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not turn on.	No power supply; loose connection.	Ensure the power cable is securely connected and the adapter is plugged into a working outlet. Check if the power outlet is active.
No cooling effect or weak airflow.	Low water level; dirty cartridge; blocked air vents.	Refill the water reservoir. Replace the evaBREEZE cartridge if it's old or visibly dirty. Ensure air inlets and outlets are not obstructed.
Unpleasant odor.	Stagnant water; mold/mildew in cartridge or reservoir.	Empty and clean the water reservoir. Replace the evaBREEZE cartridge. Use clean water only.
Wi-Fi connection issues.	Incorrect Wi-Fi password; 5GHz network; device too far from router.	Ensure correct password. The device supports 2.4 GHz Wi-Fi only; ensure your router is configured for 2.4 GHz or dual-band with a distinct SSID for 2.4 GHz. Move the device closer to the router.

7. SPECIFICATIONS

Feature	Detail
Model Name	EV-3000
Cooling Technology	Natural Evaporative (evaBREEZE)
Functions	Cools, Humidifies, Purifies
Water Reservoir Capacity	1300 ml (44 oz)
Power Consumption	12.5 W
Noise Level	Up to 40 dB (Whisper-quiet)
Power Source	USB-C (5V, 2.5A minimum)
Dimensions (D x W x H)	8.14" x 7.24" x 8.54"
Weight	4 pounds
Material	80% ABS Plastic, 5% EvaBreeze material, 15% Electronic components
Special Features	Full-spectrum LED light, Mobile App control, Smart Home integration (Alexa)

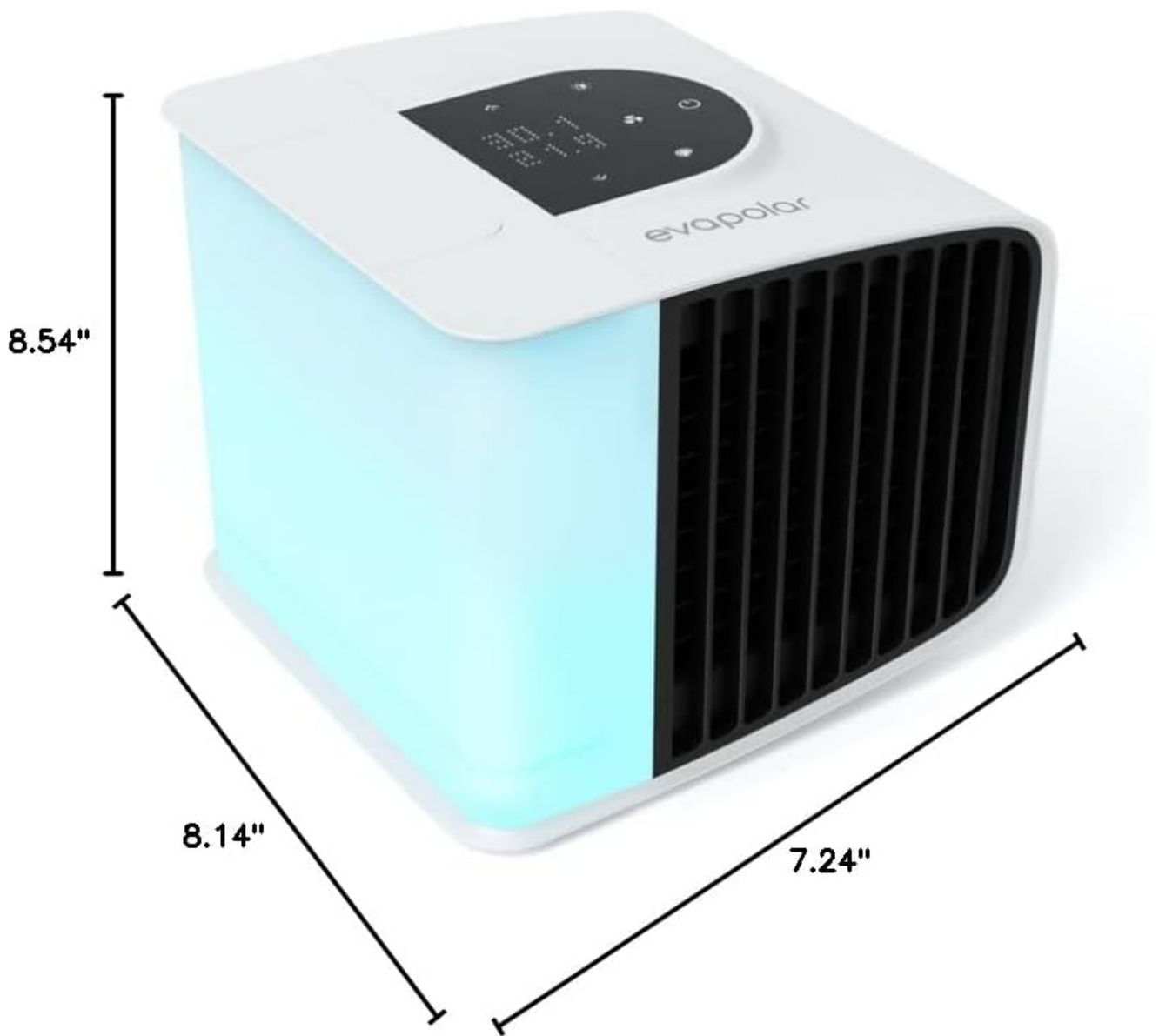


Figure 4: Product Dimensions

This image provides a visual representation of the Evapolar evaSMART's dimensions, showing its height, width, and depth for easy reference.

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the warranty card included with your product or visit the official Evapolar website. You can also find additional resources and FAQs on their support page.

Official Evapolar Website: www.evapolar.com

User Guide (PDF): [Download PDF User Guide](#)