

LEMOISTAR LCAFN5BK

LEMOISTAR Portable Air Conditioner Neck Fan

Model: LCAFN5BK

1. INTRODUCTION

Thank you for choosing the LEMOISTAR Portable Air Conditioner Neck Fan. This device is designed to provide personal cooling and comfort, featuring semiconductor cooling technology and a bladeless fan design for efficient and safe operation. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your device. Please read it thoroughly before use.

2. SAFETY INSTRUCTIONS

- Do not immerse the device in water or other liquids.
- Keep the device away from open flames or extreme heat sources.
- Ensure charging is done with the provided Type-C cable and a compatible power source (5V/2A recommended).
- The device features NTC temperature control and multiple safety protections (over-charged, over-discharged, over-current, short circuit). Do not attempt to bypass these safety features.
- Avoid placing fingers or foreign objects into the fan outlets.
- Users with long hair should secure their hair to prevent it from being drawn into the fan inlets.
- This product is FCC/SDOC/ROHS/CEC certified. Use only as intended.
- If the device exhibits unusual behavior, smoke, or a burning smell, immediately discontinue use and contact customer support.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- LEMOISTAR Portable Air Conditioner Neck Fan
- Type-C Charging Cable (2.62ft)
- Instruction Manual

4. PRODUCT OVERVIEW

The LEMOISTAR Neck Fan is designed for comfortable, hands-free personal cooling. It features a U-shaped ergonomic design that rests around your neck, directing airflow and cooling to your body.



Figure 4.1: LEMOISTAR Portable Air Conditioner Neck Fan and Packaging.

Key features include:

- **Semiconductor Cooling Plate:** Located at the back of the neck, this ceramic radiator cools rapidly.
- **Bladeless Fan Design:** Ensures safety and prevents hair entanglement.
- **360° Airflow:** An exclusive air duct combined with a BLDC motor generates strong, surrounding airflow.
- **Dual Type-C Charging Ports:** For convenient charging.
- **Control Buttons:** Separate buttons for fan speed and cooling mode.

Body curve ergonomics design

Comfortable to wear and match your everyday outfits



Figure 4.2: Ergonomic design of the neck fan, showing the cooling plate area.

5. SETUP

1. **Unpack:** Carefully remove the neck fan and all accessories from the packaging.
2. **Initial Charge:** Before first use, fully charge the device. Connect the provided Type-C cable to either of the charging ports on the fan and the other end to a USB power adapter (not included). The charging indicator light will show the charging status. A full charge takes approximately 3.5 hours.
3. **Wear the Device:** Place the neck fan around your neck. The soft silicone covers on both sides ensure comfortable contact with your skin. Adjust its position so the cooling plate at the back makes good contact with your neck.

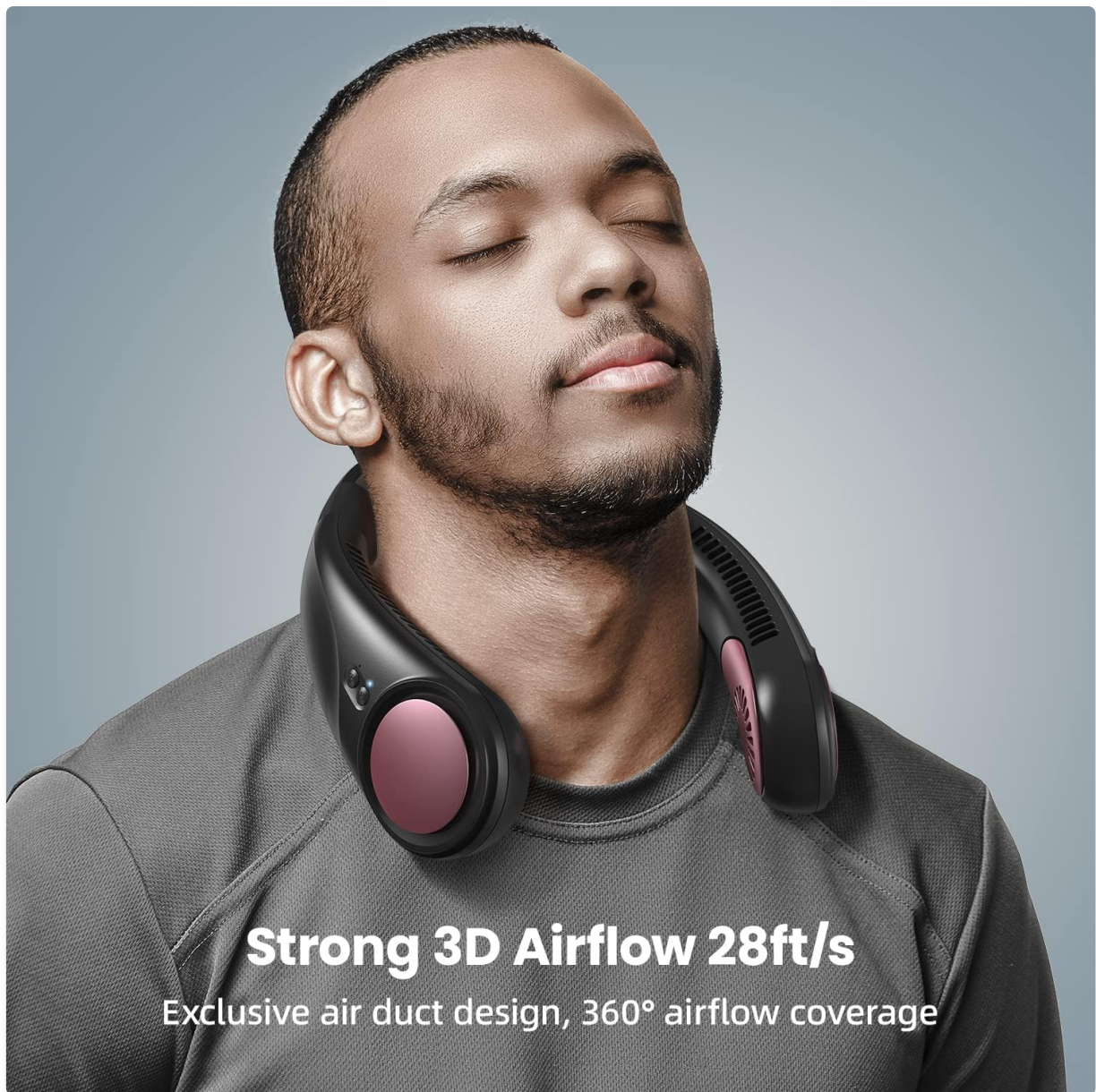


Figure 5.1: Proper way to wear the neck fan for optimal comfort and cooling.

6. OPERATING INSTRUCTIONS

The LEMOISTAR neck fan features independent controls for the fan and cooling functions.

- **Power ON/OFF:** Long press either the FAN button or the COOL button to turn the device ON or OFF.
- **Fan Speed Adjustment:** Short press the FAN button repeatedly to cycle through 3 fan speeds (Low, Medium, High). The fan speed indicator lights will illuminate accordingly.
- **Cooling Mode Activation:** Short press the COOL button repeatedly to activate or deactivate the semiconductor cooling mode. The cooling indicator light will illuminate when active.

Note: The cooling mode will automatically shut off after one hour of continuous operation to conserve battery and prevent excessive cooling.

2S Cool Down by 41°F/5°C
Cool the back of your neck to refresh your entire body

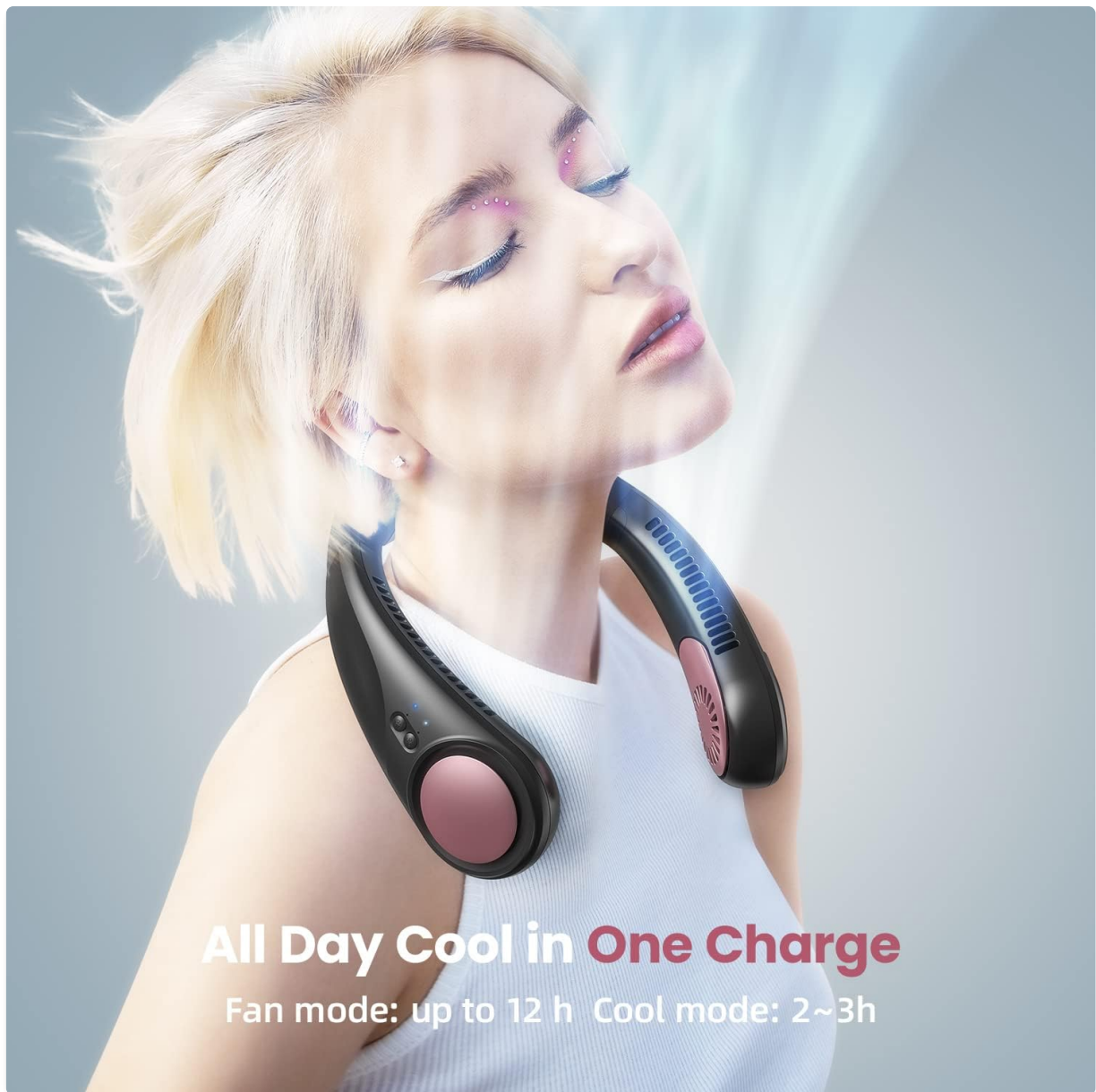


Figure 6.1: Visual representation of the cooling effect.

7. CHARGING

The device is powered by a built-in 4000mAh rechargeable lithium polymer battery.

- **Charging Time:** Approximately 3.5 hours for a full charge using a 5V/2A Type-C power source.
- **Battery Life:**
 - Fan Mode: 2-10 hours (depending on speed setting).
 - Cooling Mode: Approximately 3 hours.
 - Combined Fan and Cooling Mode: 1.1-2 hours (depending on fan speed).
- **Charging Indicator:** Refer to the user manual for specific indicator light behavior during charging and when the battery is low.



All Day Cool in One Charge

Fan mode: up to 12 h Cool mode: 2~3h

Figure 7.1: The neck fan provides extended cooling on a single charge.

8. MAINTENANCE AND CARE

- **Cleaning:** Wipe the exterior of the fan with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water. Ensure the fan inlets and outlets are free from dust and debris.
- **Storage:** When not in use for extended periods, store the fan in a cool, dry place away from direct sunlight and extreme temperatures. It is recommended to charge the battery to about 50% before long-term storage.
- **Hair Protection:** If you have long hair, ensure it is tied back or secured to prevent it from interfering with the fan blades or air intake.

9. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Fan does not turn on or turns off quickly with blinking light.	Low battery.	Charge the device fully. Ensure the charging cable and adapter are working correctly.
Cooling plate is not cold enough.	Cooling mode not activated or device is in a very hot environment.	Ensure the COOL button has been pressed to activate cooling mode. The effectiveness of the cooling plate can be reduced in extremely high ambient temperatures.
Device feels heavy or slides down the neck.	Improper positioning or individual comfort preference.	Adjust the position of the fan on your neck to find a comfortable and stable fit. The device weighs approximately 1.7 pounds.
Fan is noisy on higher settings.	Normal operation at higher fan speeds.	This is expected due to the powerful airflow. For quieter operation, use lower fan speeds.

10. SPECIFICATIONS

Feature	Detail
Brand	LEMOISTAR
Model Name	FN5 (Item model number: LCAFN5BK)
Color	Black
Product Dimensions	8.27"D x 7.09"W x 2.36"H
Item Weight	1.7 pounds
Power Source	Battery Powered
Battery Type	1 Lithium Polymer battery (included)
Battery Capacity	4000mAh
Charging Time	Approx. 3.5 hours (5V/2A Type-C)
Fan Speed	Up to 5000 RPM (3 speeds)
Noise Level	40 dB
Special Features	Bladeless, Hands Free, Portable, Wearable, Semiconductor Cooling, NTC Temperature Control
Control Method	Touch Buttons
Material	Plastic

Feature	Detail
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Certifications	FCC/SDOC/ROHS/CEC
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Figure 10.1: Product dimensions for portability.

11. WARRANTY AND SUPPORT

LEMOISTAR provides a worry-free 12-month warranty for this product. If you encounter any issues or have questions, please contact LEMOISTAR customer service. Inquiries about products will be responded to within 24 hours.

For support, please refer to the contact information provided with your purchase or visit the official LEMOISTAR website.

