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› RANVOO AICE LITE Plus 2025 Neck Air Conditioner User Manual

RANVOO AICE LITE Plus

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Model: AICE LITE Plus

1. INTRODUCTION

Welcome to the RANVOO AICE LITE Plus 2025 Neck Air Conditioner user manual. This guide provides essential information for setting up, operating, and maintaining your device to ensure optimal performance and comfort. The AICE LITE Plus is a wearable personal cooling and heating device designed for various environments, offering advanced temperature control and portability.

2. PRODUCT OVERVIEW

The RANVOO AICE LITE Plus is an innovative wearable device that provides both cooling and heating functionalities. Its ergonomic U-shaped design fits comfortably around the neck, delivering targeted temperature relief. The device features advanced cooling plates and powerful fans to ensure efficient air circulation and rapid temperature adjustment.



Figure 1: RANVOO AICE LITE Plus 2025 Neck Air Conditioner in blue, showcasing its ergonomic design.

RANVOO | 2025 Next-Gen Neck A/C Pro

2025 Max Cooling Airflow: 1S Instant Chill in Extreme Heat

The Hotter It Gets, The Cooler You Feel: AI Boosts 300% at 105°F



*Powered by ICEMAX™ Pro Tech, It Tackles Extreme Heat and Keeps You Cool Instantly.

Figure 2: Side view of the RANVOO AICE LITE Plus 2025 Neck Air Conditioner, highlighting its sleek profile and cooling vents.

3. SETUP AND INITIAL USE

3.1 Charging the Device

Before first use, fully charge your AICE LITE Plus. The device is equipped with a 6000mAh rechargeable battery and supports 15W fast charging via USB-C. A full charge typically takes about 2 hours. For optimal battery performance, it is recommended to fully charge and discharge the device for 5 cycles upon initial use.

Superior Graphene, One Charge for All-day

300+ Battery Safety Patents,
More Durable With Use



Pass-through
Charging



Support Fast
Charging



AI Power
Saving System



Figure 3: Internal components of the RANVOO AICE LITE Plus, showing the 6000mAh battery and AI power-saving system.

3.2 Power On/Off

To power on the device, long press the main control button. The LED display will illuminate, indicating the current mode and battery level. To power off, long press the main control button again.

3.3 App Connection

For enhanced control and smart features, download the RANVOO app from your device's App Store (iOS) or Google Play (Android). Once installed, open the app and enable Bluetooth on your phone. The app will automatically search for and connect to your AICE LITE Plus device.

Video 1: Official video demonstrating how to navigate the four operating modes and control the RANVOO AICE LITE Plus

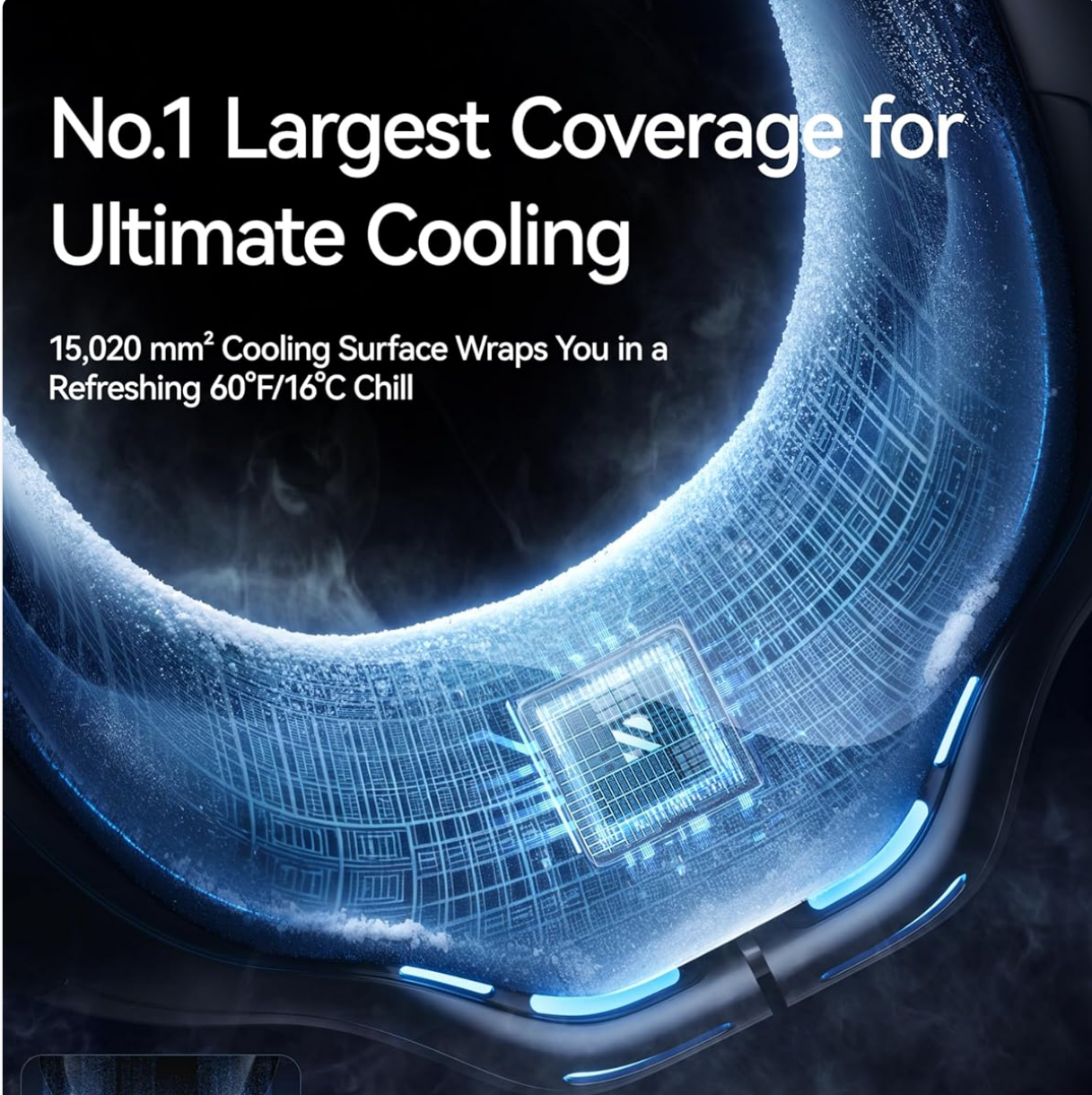
using the mobile application.

4. OPERATING MODES

The AICE LITE Plus offers multiple operating modes to suit your comfort needs. You can switch between modes using the physical buttons on the device or through the RANVOO app.


4.1 Cooling Mode

This mode provides powerful cooling with a 720° airflow and an instant temperature drop of up to 24°F in 1 second, thanks to the Ice Triangle Circulation System and AICE MAX 4.0 technology. It covers key heat zones for faster, deeper cooling.



No.1 Largest Coverage for Ultimate Cooling

15,020 mm² Cooling Surface Wraps You in a Refreshing 60°F/16°C Chill



Full-Body Cooling with 720° Airflow


-  **1s Instant Cooling**
Custom-grade Semiconductor
-  **Cooling in 105°F**
ICE MAX™ 4.0 System

Figure 4: Diagram illustrating the Ice Triangle Circulation System and 720° airflow for full-body cooling.

4.2 Heating Mode

The device can also provide powerful heating capacity, ideal for colder environments or for soothing discomfort.

4.3 Fan Only Mode

In this mode, the cooling plates are disabled, and the device functions purely as a fan, providing strong airflow.

4.4 AI Mode (Metaura OS)

The upgraded AI cooling system, Metaura OS, adjusts the temperature in real-time based on your body temperature and surrounding environment, providing effortless and intelligent comfort.

AI Cooling at Your Command

8 Smart Modes & Infinite Control
Crafted for Every Chill Moment

Smart Firmware Upgrade
Update to Latest Innovations
OTA

Cooling First Mode
Ultimate Cooling Power

AI Auto Mode
Effortless Auto-Adjusts

Low Battery Mode
All-Day Cooling Comfort

App Interface: 10:30, AICE LITE, Device List, Settings, 61°F (Ambient Temperature 42°F), Wind Speed, Cooling, Heating, Wind, AI Mode, Silent, Hot Pack, Cooling First, Low Power

Mode Indicators: Cooling Mode, Fan Only Mode, Heating Mode, AI Mode

Figure 5: Visual representation of the AI cooling system and app interface, showing various modes and control options.

4.5 Low Power Mode

To extend battery life, activate Low Power Mode. This limits the power consumption while still providing a comfortable level of cooling or heating.

4.6 Silent Mode

For quiet operation, select Silent Mode. This reduces fan noise, making it suitable for quiet environments like offices or libraries.

4.7 Cooling First Mode

This mode prioritizes maximum cooling output, ideal for quickly reducing body temperature in extreme heat.

4.8 Hot Pack Mode

Quickly switches the device to heating mode, providing a warm sensation similar to a hot pack.

Video 2: Official video explaining IceMax Cooling and AI Adjustments for the RANVOO AICE LITE Plus.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your AICE LITE Plus.

- Always turn off the device before cleaning.
- Wipe the device with a wet paper towel or a soft cloth dampened with 75% medical alcohol.
- Do not use corrosive detergents or immerse the device in water.
- Avoid exposing the device to high temperatures or direct sunlight.
- Regularly clean dust from the product surface, especially the air intake and outlet vents.

6. TROUBLESHOOTING

If you encounter issues with your AICE LITE Plus, refer to the following common solutions:

- **Device not turning on:** Ensure the battery is fully charged. Connect the device to a power source and try again.
- **Not cooling/heating effectively:** Check that the correct operating mode is selected and the fan speed is adjusted appropriately. Ensure the cooling plates are making proper contact with your skin.
- **App connectivity issues:** Make sure Bluetooth is enabled on your smartphone. Try restarting both the device and the RANVOO app.
- **Device reset:** If the device becomes unresponsive, locate the small reset hole (usually near the charging port) and gently insert a SIM card pin or paper clip for 3-5 seconds to reset the device.

7. SPECIFICATIONS

Feature	Detail
Brand	RANVOO
Model Name	AICE LITE Plus
Model Number	AICE LITE Plus
Battery Capacity	6000mAh

Charging	15W USB-C Fast Charge
Operating Temperature	0°C - 45°C (32°F - 104°F)
Noise Level	45 Decibels
Weight	1.85 Pounds
Dimensions (D x W x H)	3.1" x 9.9" x 7.9"
Included Components	USB Cable, Power Bank Adapter, Neck Strap

8. WARRANTY AND SUPPORT

RANVOO stands behind the quality of its products. Your AICE LITE Plus comes with comprehensive support and warranty coverage.

8.1 Warranty Information

The product includes a 30-day free return policy. Additionally, RANVOO provides a 1-year warranty for manufacturing defects. If an unresolvable fault occurs during the warranty period, the product will be replaced. For extended warranty options, please contact customer support.

8.2 Customer Support

For any inquiries, technical assistance, or warranty claims, please contact RANVOO customer support. They offer 24/7 support to assist you.

Email: support@ranvoo.com

RANVOO Care

What you worry about is what we care about!
Email: support@ranvoo.com

12 Hrs Fast Support
24/7 Support

360 Days Free Replacement
No Repairs Needed

Serve from the perspective of customers and build a trusting relationship.

Figure 6: RANVOO Care+ information, detailing 12-hour fast support, 360-day free replacement, and 24/7 support.