

ULRHCVY Ne-520

ULRHCVY Ultrasonic Nebulizer Model Ne-520 User Manual

Portable Breathing Treatment Machine for Adults and Kids

1. INTRODUCTION

Thank you for choosing the ULRHCVY Ultrasonic Nebulizer Model Ne-520. This portable device is designed to efficiently deliver medication in a fine mist for respiratory treatments, suitable for both adults and children. This manual provides essential information for the safe and effective use, maintenance, and troubleshooting of your nebulizer. Please read it thoroughly before first use and retain it for future reference.



Portable Nebulizer
One button operation, easy to switch the nebulizer mode, simple and convenient.

Suitable for people with different symptoms

Image: The ULRHCVY Portable Nebulizer, shown with a family, highlighting its ease of use for different age groups and its portable design.

2. PRODUCT OVERVIEW

2.1 Components

The ULRHCYV Ultrasonic Nebulizer Model Ne-520 includes the following main components:



Image: Detailed diagram of the nebulizer, pointing out key components such as the silicone ear, cover buckle, adjusting key, display light, switch, and mist outlet.

- **Main Unit:** Contains the ultrasonic nebulization technology, control buttons, and power interface.
- **Medicine Cup:** Removable container for liquid medication.
- **Masks:** Includes both adult and child-sized masks for comfortable inhalation.
- **Mouthpiece:** Alternative attachment for direct inhalation.
- **USB Cable:** For charging and power supply.

2.2 Key Features

- **High-Efficiency Nebulization:** Utilizes microporous ultrasonic technology to produce fine particles (1-

4 μ m) for effective medication delivery.

- **Dual Atomization Modes:**

- **Powerful Mode:** Atomization speed of 0.30ml/min, suitable for adults.
- **Gentle Mode:** Atomization rate of 0.15ml/min, ideal for children and the elderly.



Image: Visual representation of the nebulizer's dual modes, indicating different atomization rates for gentle (children) and powerful (adults) use.

- **Portable Design:** Lightweight (approximately 0.16 lbs) and compact, making it suitable for travel and home use.
- **Flexible Power Options:** Can be powered via USB or 2 AA batteries (not included).
- **Self-Cleaning Function:** Prevents clogging and extends the device's lifespan.
- **Silent Operation:** Operates at less than 25dB, ensuring a quiet treatment experience.

Noiseless Design

Adopt advanced noise reduction technology,
operating decibel $\leq 25\text{dB}$



Image: A child sleeping undisturbed while the nebulizer operates, illustrating its quiet design with a noise level below 25dB.

- **Versatile Accessories:** Includes masks for adults and children, and a mouthpiece.

Multi-style Masks

Portable Nebulizer for Adults and Kids



Image: Demonstrates the various accessories, including adult and child masks, and a mouthpiece, for flexible use.

3. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this product to prevent injury or damage.

- **Consult a Healthcare Professional:** Always consult your doctor or a healthcare professional regarding the appropriate medication, dosage, and treatment duration. Do not self-medicate.
- **Medication Use:** Use only medications prescribed by a healthcare professional for nebulization. Do not use essential oils or other non-approved liquids.
- **Children and Supervision:** Keep the device out of reach of children when not in use. Children should only use the nebulizer under strict adult supervision.
- **Power Source:** Use only the provided USB cable or recommended AA batteries. Ensure batteries are inserted correctly. Do not mix old and new batteries or different types of batteries.
- **Liquid Capacity:** Do not overfill the medicine cup. The maximum capacity is 8ml.
- **Cleaning:** Clean the device thoroughly after each use as instructed in this manual to prevent bacterial growth and ensure proper function.

- **Storage:** Store the nebulizer in a cool, dry place away from direct sunlight and extreme temperatures.
- **Damage or Malfunction:** If the device appears damaged, overheats during use, or malfunctions, discontinue use immediately and contact customer support. Do not attempt to repair the device yourself.
- **Legal Disclaimer:** Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose, treat, cure, or prevent any disease or health condition. This device is for medication delivery as prescribed by a medical professional.

4. SETUP

Follow these steps to set up your ULRHCYV Ultrasonic Nebulizer for use:

1. Charge or Insert Batteries:

- Ensure the nebulizer is fully charged via the USB cable, or insert 2 new AA batteries into the battery compartment, observing correct polarity.
- The device can operate directly via USB power.

2. **Open Medicine Cup:** Gently push and open the lid of the medicine cup.

3. **Add Medication:** Pour the prescribed liquid medication into the medicine cup. Do not exceed the 8ml maximum fill line.

4. **Close Medicine Cup:** Securely close the lid of the medicine cup.

5. **Attach Accessory:** Install either the appropriate mask (adult or child) or the mouthpiece onto the mist outlet of the nebulizer. Ensure it is firmly attached.

Easy To Use



1

Make sure the nebulizer is fully charged



2

Open the lid of the medicine cup.



3

Add some liquid and have a try.



4

Install the mouthpiece.



5

Press the power button to start, press the M button, switch to the high traffic.



6

Long press 5s to turn on the self-cleaning mode.

Image: Step-by-step visual instructions for preparing the nebulizer for use, including charging, adding medication, and attaching accessories.

5. OPERATING INSTRUCTIONS

Once the nebulizer is set up, follow these steps for operation:

- Power On:** Press the power button (usually marked with a power symbol) to turn on the device. The display light will illuminate.
- Select Mode:** Press the "M" button to switch between the two atomization modes:
 - Powerful Mode (Adult):** Indicated by a specific light color (e.g., red light status as per some visuals). Atomization speed is 0.30ml/min.
 - Gentle Mode (Child/Elderly):** Indicated by a different light color (e.g., blue light status as per some visuals). Atomization rate is 0.15ml/min.
- Begin Inhalation:** Place the mask over your nose and mouth, or hold the mouthpiece between your lips. Breathe normally and deeply to inhale the mist.
- Treatment Duration:** Continue treatment until the medicine cup is empty or as advised by your

healthcare professional. The device may automatically shut off when the medication is depleted.

5. **Power Off:** After treatment, press the power button again to turn off the device.

Important: Always ensure the device is held upright during operation to prevent spills and ensure proper nebulization.

6. CLEANING AND MAINTENANCE

Proper cleaning and maintenance are crucial for the longevity and hygienic operation of your nebulizer. Clean the device after each use.

6.1 Quick Clean (After Each Use)

1. **Empty Medicine Cup:** Discard any remaining medication from the medicine cup.
2. **Add Water:** Add approximately 6 ml of clean water (preferably distilled or purified) to the medicine cup.
3. **Activate Self-Cleaning:** Long press the power button for 5 seconds to activate the automatic self-cleaning mode. The nebulizer will run for a short period to clear residue from the grille. The display light may flash blue during this process.
4. **Rinse and Dry:** After the self-cleaning cycle, remove the medicine cup and rinse it thoroughly with clean water. Wipe the cup and any accessories (masks, mouthpiece) with a medical wipe or clean cloth and allow them to air dry completely before storage.

6.2 Deep Clean (Periodically or as Needed)

For a more thorough cleaning, especially if you notice reduced mist production or clogging:

1. **Remove Medicine Cup:** Press the button to detach the medicine cup from the main unit.
2. **Soak:** Soak the medicine cup in a solution of 1 part edible white vinegar to 1 part water for approximately 5 minutes. This helps to dissolve mineral deposits and medication residue.
3. **Rinse:** Thoroughly rinse the medicine cup with clean water to remove all traces of the vinegar solution.
4. **Dry:** Allow the medicine cup and all accessories to air dry completely before reassembling or storing.

Quick Clean



1. Add 185F (85°C) water



2. Turn on self-cleaning mode (blue light flashes)



3. Rinse with water and dry the cup

Deep Clean



1. Press the button to remove the medicine cup



2. Soak the medicine cup in 1 edible white vinegar: 15water for 5 minutes.



3. Rinse the medicine cup



4. Dry the medicine cup

Image: Illustrated steps for both quick cleaning (after each use) and deep cleaning (periodic) of the nebulizer, including the self-cleaning function and vinegar soak.

Note: Do not immerse the main unit of the nebulizer in water or any other liquid. Use a damp cloth to wipe the exterior if needed.

7. TROUBLESHOOTING

If you encounter issues with your ULRHCYV Ultrasonic Nebulizer, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	<ul style="list-style-type: none">• Low or depleted batteries.• USB cable not connected or faulty.• Batteries inserted incorrectly.	<ul style="list-style-type: none">• Replace AA batteries or ensure they are fully charged.• Connect the USB cable to a power source.• Check battery polarity and reinsert correctly.

Problem	Possible Cause	Solution
No mist or very weak mist.	<ul style="list-style-type: none"> • Insufficient medication in the cup. • Medicine cup or mesh is clogged. • Device not held upright. • Damaged nebulizer head. 	<ul style="list-style-type: none"> • Add more medication (up to 8ml). • Perform a self-cleaning cycle or deep clean the medicine cup. • Ensure the device is held vertically during use. • Contact customer support if the nebulizer head appears damaged.
Device overheats during use.	<ul style="list-style-type: none"> • Prolonged continuous use. • Internal malfunction. 	<ul style="list-style-type: none"> • Discontinue use immediately. Allow the device to cool down. • If overheating persists, stop using the device and contact customer support.
Self-cleaning function does not activate or seems ineffective.	<ul style="list-style-type: none"> • Incorrect button press duration. • Severe clogging requiring deep clean. 	<ul style="list-style-type: none"> • Ensure you long press the power button for 5 seconds. • Perform a deep clean with vinegar solution as described in Section 6.2.

If the problem persists after trying these solutions, please contact ULRHCYV customer support for further assistance.

8. SPECIFICATIONS

- **Model:** Ne-520
- **Nebulization Technology:** Microporous Ultrasonic
- **Particle Size:** 1-4 μ m
- **Atomization Rate (Powerful Mode):** 0.30ml/min
- **Atomization Rate (Gentle Mode):** 0.15ml/min
- **Medicine Cup Capacity:** Max 8ml
- **Noise Level:** \leq 25dB
- **Power Supply:** USB (DC 5V) or 2 x AA Batteries (not included)
- **Battery Life (approx.):** 30-40 minutes (with fully charged AA batteries)
- **Weight:** Approximately 0.16 lbs (73g)
- **Package Dimensions:** 5.2 x 5.08 x 2.8 inches
- **Manufacturer:** YusoiroPol

9. WARRANTY AND SUPPORT

Specific warranty information for the ULRHCYV Ultrasonic Nebulizer Model Ne-520 is not provided in this manual. Please refer to the product packaging or the retailer's website for details regarding warranty coverage.

For technical support, troubleshooting assistance beyond what is listed in this manual, or inquiries about replacement parts, please contact ULRHCYV customer service through the retailer where you purchased the product.

Always retain your proof of purchase for warranty claims or support requests.