Nuvita 5020A

Nuvita 5020A Silent Piston Nebulizer Instruction Manual

Model: 5020A | Brand: Nuvita

1. INTRODUCTION

The Nuvita 5020A is a piston nebulizer designed for effective aerosol therapy. It utilizes innovative technology to nebulize various types of medications, including oily solutions. This device is suitable for both children and adults, featuring a patented two-speed nebulization ampoule and two different sized masks for comprehensive family use. Manufactured in Italy, it ensures quality and reliability.

2. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using the Nuvita 5020A nebulizer. Failure to follow these instructions may result in injury or damage to the device.

- Always use the device under medical supervision or as directed by a healthcare professional.
- Do not immerse the main unit in water or any other liquid.
- Keep the device out of reach of children when not in use.
- Ensure the power cord is not damaged and is properly connected to a suitable power outlet (230 V – 50 Hz).
- Do not block the air vents during operation.
- Use only original Nuvita accessories and spare parts.
- Disconnect the device from the power supply before cleaning or maintenance.

3. PRODUCT OVERVIEW

The Nuvita 5020A nebulizer is designed for treating allergies and respiratory tract disorders such as colds, laryngitis, tracheitis, bronchitis, and sinusitis. Its universal ampoule with two speeds allows for efficient nebulization of various medications, including hyaluronic acid and oily drugs.

Indicato per il trattamento delle allergie e dei disturbi del tratto respiratorio.

Indicado para el tratamiento de Alergias y trastornos del tracto respiratorio.

Suitable for the treatment of allergies and respiratory tract disorders.

Indiqué pour le traitement de allergies et troubles des voies respiratoires.

Indiziert für die Behandlung von Allergien und Atemwegserkrankungen.

Gola Infiammata / Dolor de garganta / Sore throat / Gorge brûlante / Brennende Kehle

Tosse / Tos / Cough / Toux / Husten

Febbre / Fiebre / Fever / Fièvre Fieber

Raffreddore / Resfrío / Cold / Froid / Kalt

Image 3.1: Nuvita 5020A Nebulizer main unit with connected ampoule and mask.

Adatto a tutti i medicinali
Apto para todos los medicamentos
Suitable for all medicines
Convient à tous les médicaments
Für alle Arzneimittel geeignet

Ideale per adulti e bambini
Ideal para adultos y niños.
Ideal for adults and children
Idéal pour adultes et enfants
Ideal für Erwachsene und Kinder

2 Velocità: Standard / Veloce
2 Velocidades: Estándar / Rápido
2 Speeds: Standard / Rapid
2 Vitesses: Standard / Rapide
2 Geschwindigkeiten: Standard / Schnell

Capacità vaschetta farmaco: 2-8ml
Capacidad contenedor fármaco: 2-8ml
Medication chamber capacity: 2-8ml
Capacité de la chambre à médicaments: 2-8ml
Kapazität der Medikamentenkammer: 2-8ml

Image 3.2: The nebulizer is suitable for all medicines and effective for lower respiratory tract conditions, ideal for adults and children.

3.1 Key Features

- **Piston Compressor Technology:** Ensures efficient and continuous nebulization.
- **Universal Two-Speed Ampoule:** Allows for standard and rapid nebulization, suitable for various medications including hyaluronic acid and oily drugs.
- **Family-Friendly Design:** Includes both a pediatric fish-shaped mask and an adult facial mask, made from phthalate-free bi-component material.
- **Quiet Operation:** Operates at 54 dB at 1 meter, making it one of the quieter models on the market.
- **Continuous Use:** Designed for uninterrupted operation.
- **Compact and Lightweight:** Easy to store and transport.

3.2 Included Accessories

The Nuvita 5020A package includes the following components:

- Universal two-speed nebulization ampoule
- Air connection tube
- Pediatric facial mask (fish-shaped)

- Adult facial mask
- Nasal fork
- Mouthpiece

Ampoule

Adult Mask

Pediatric Mask

Nasal Fork & Mouthpiece

4. SETUP INSTRUCTIONS

1. **Unpack the Device:** Carefully remove all components from the packaging. Check for any damage.
2. **Place the Unit:** Position the main compressor unit on a stable, flat surface, ensuring proper ventilation.
3. **Connect the Air Tube:** Attach one end of the air connection tube to the air outlet on the main compressor unit.
4. **Prepare the Ampoule:** Open the nebulization ampoule and pour the prescribed medication into the medication chamber. Do not overfill (capacity: 2-8ml).
5. **Assemble the Ampoule:** Close the ampoule securely. Attach the other end of the air connection tube to the base of the ampoule.
6. **Attach the Accessory:** Connect either the adult mask, pediatric mask, nasal fork, or mouthpiece to the top of the ampoule, depending on the user and treatment.
7. **Power Connection:** Plug the power cord into a standard 230 V – 50 Hz electrical outlet.

Image 4.1: Assembled nebulizer ready for use with an adult mask.

5. OPERATING INSTRUCTIONS

1. **Start Nebulization:** Press the power button on the main unit to turn on the compressor. The device will begin to produce a fine mist.

2. **Select Speed (if applicable):** The universal ampoule features two speed settings: Standard and Rapid. Adjust as needed based on medication and medical advice.

3. **Administer Treatment:**

   - **With Mask:** Place the mask comfortably over the user's nose and mouth, ensuring a snug fit to prevent mist leakage.
   - **With Mouthpiece:** Place the mouthpiece between the teeth and seal lips around it. Breathe deeply through the mouth.
   - **With Nasal Fork:** Insert the nasal fork gently into the nostrils.

4. **Continue Treatment:** Breathe normally and deeply until all the medication in the ampoule has been nebulized. This typically takes a few minutes, depending on the medication volume and nebulization speed.

5. **End Treatment:** Once nebulization is complete, turn off the device by pressing the power button. Disconnect the power cord from the outlet.
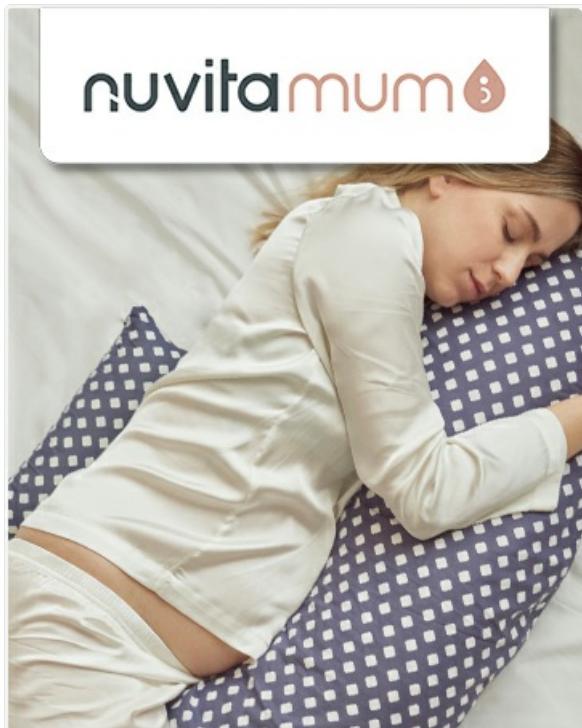

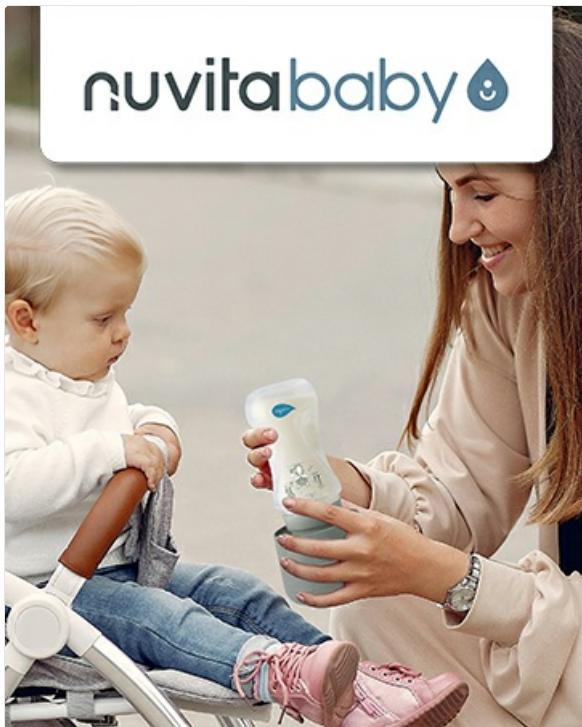Image 5.1: An adult using the nebulizer with the facial mask.

Image 5.2: A child using the nebulizer with the pediatric mask.

6. CLEANING AND MAINTENANCE

Regular cleaning and maintenance are essential to ensure the longevity and hygienic operation of your Nuvita 5020A nebulizer.

6.1 After Each Use

1. **Disassemble:** Disconnect the air tube, ampoule, and accessories from the main unit.

2. **Rinse:** Rinse the ampoule, masks, nasal fork, and mouthpiece thoroughly under warm running water.

3. **Wash:** Wash these components with a mild detergent and rinse again with clean water.

4. **Dry:** Allow all parts to air dry completely on a clean cloth or paper towel before storing.

5. **Clean Main Unit:** Wipe the exterior of the main compressor unit with a soft, damp cloth. Do not use abrasive cleaners or immerse the unit in water.

6.2 Regular Disinfection

For thorough disinfection, especially if multiple users share the device or during periods of frequent use, follow these steps:

- Boil the disassembled ampoule, masks, nasal fork, and mouthpiece in water for 5 minutes.
- Alternatively, use a cold sterilization solution as recommended by your healthcare provider.
- Ensure all parts are completely dry before reassembly or storage.

Note: The air connection tube should not be washed or disinfected. If it becomes dirty or damaged, it should be replaced. Regularly check the air filter on the main unit and replace it if it appears discolored or clogged. Replacement parts are available by searching for "Nuvita 5020A ricambio" on Amazon.

7. TROUBLESHOOTING

If you encounter any issues with your Nuvita 5020A nebulizer, please refer to the following troubleshooting guide before contacting customer support.

Problem	Possible Cause	Solution
Device does not turn on.	- Power cord not properly connected. - No power from the outlet.	- Ensure the power cord is securely plugged into both the device and the wall outlet. - Test the outlet with another appliance.
No mist or very little mist produced.	- Ampoule not assembled correctly. - Air tube is kinked or disconnected. - Medication chamber is empty or overfilled. - Air filter is clogged.	- Check that all ampoule parts are correctly assembled and sealed. - Ensure the air tube is straight and securely connected at both ends. - Add the correct amount of medication (2-8ml). - Check and replace the air filter if necessary.
Device is unusually noisy.	- Device not on a stable surface. - Internal component issue.	- Place the device on a firm, flat surface. - If noise persists, contact customer support.

8. TECHNICAL SPECIFICATIONS

Model Number	I088HM014014 (5020A)
Nebulization Method	Piston Compressor
Operation Mode	Continuous Use
Power Supply	230 V – 50 Hz
Air Flow to Compressor	Approx. 9 l/min
Maximum Pressure	1.8 +/- 0.3 bar
Noise Level	54 dB at 1 meter
Weight	1.29 kg
Dimensions (L x P x A)	168 x 172 x 107 mm (approx. 7.48 x 5.12 x 8.66 cm)
Material	PP and electronic components
Medication Chamber Capacity	2-8 ml
GS Certified	Yes
Made In	Italy

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The Nuvita 5020A nebulizer comes with a **24-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims. As a medical device, this product may be eligible for a reduced VAT rate (e.g., 10% in Italy). For tax deduction purposes, ensure your tax code is entered in your user profile to receive the correct invoice.

9.2 Customer Support

For any issues, questions, or to claim warranty service, please contact Nuvita customer support directly. Refer to the contact information provided with your purchase or on the official Nuvita website.
Replacement Parts: Spare parts for the Nuvita 5020A, such as ampoules, masks, and air tubes, are available. Search for "Nuvita 5020A ricambio" on Amazon or contact customer support for assistance.