

EN English

Introduction

Thank you for purchasing a NI60 Compressor Nebulizer. With proper care and use, your nebulizer will provide you with many years of reliable treatments. This unit operates on standard AC power. Treatments are delivered quickly, safely and conveniently making this unit ideal for all ages in home. We encourage you to thoroughly read this guidebook to learn about the features of your nebulizer. Your compressor nebulizer should be used under the supervision of a licensed physician and/or a respiratory therapist. Together with your physician and/or respiratory therapist, you can feel comfortable and confident knowing that you are obtaining the most effective inhalation treatments for your respiratory condition.

NOTE: Your nebulizer is intended for use in treatment of asthma, COPD and other respiratory ailments in which an aerosol is required during therapy. Please consult with your physician and/or pharmacist to determine if your prescription medication is approved for use with this nebulizer. For type, dose, and regime of medication follow the instructions of your doctor or respiratory therapist.

This device fulfills the provision of the EC directive 93/42/EEC (Medical Device Directive) and the European Standard EN 13544-1:2007+A1:2009 Respiratory therapy equipment - Part 1: Nebulizing systems and their components.

Please read this manual carefully before use and be sure to keep this manual.

Cautions

Please use general safety precautions when operating your nebulizer. This unit should be used only for its intended purpose as described in this guidebook and with medications only under the supervision and instruction of your physician. Do not use the device in anesthetic or ventilator breathing circuits.

Product cautions

READ THE FOLLOWING BEFORE USING

• To avoid electrical shock: keep unit away from water.

• Do not immerse the unit in liquid.

• Do not use while bathing.

• Do not reach for a unit that has fallen into water immediately unplug the unit.

• Do not use the unit if it has any damaged parts (including plug). If it has been submerged in water or dropped. Promptly send the unit for examination and repair.

• The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.

• Keep the unit open. Do not place the unit on a soft surface where the openings can be blocked.

• If the medication cup is empty, do not attempt to operate the unit.

• If any abnormality occurs discontinue to use until the unit has been examined and repaired.

• The unit should not be left unattended while plugged in.

• Do not tilt or shake the unit when in operation.

• Disconnect the unit from the electrical outlet before cleaning, filling and after each use.

• Do not use attachments unless recommended by the manufacturer.

• Do not plug or unplug the AC adapter into the electrical outlet with wet hands.

• Unplug the AC adapter from the electrical outlet after using the device.

• Do not dismantle or attempt to repair the unit.

• Do not use the device in anesthetic or ventilator breathing circuits.

• Do not use the tubing and/or AC adapter/power cord for any other purpose than those specified, as they can cause risk of strangulation.

• Do not use this unit while operating a vehicle.

• If any discomfort or abnormality occurs, stop using the unit immediately.

• Do not use the device if the air tube is bent.

• Pentamidine is not an approved medication for use with this device.

Operating cautions

• Close adult supervision is highly recommended when the unit is used by children or infants.

• Keep your eyes away from the output of medication mist.

• The maximum capacity of the medication cup is 5 ml and should not be overfilled.

• Do not use this unit while operating a vehicle.

• If any discomfort or abnormality occurs, stop using the unit immediately.

• Do not use the device if the air tube is bent.

• Pentamidine is not an approved medication for use with this device.

Storage cautions

• Do not store the unit in direct sunlight, high temperature or humidity.

• Keep the unit out of reach of small children.

• Always keep the unit unplugged while not in use.

Cleaning cautions

• Check air filter, nebulizer, mouthpiece and any other optional component before each use.

• Do not immerse the unit in water. It may damage the unit.

• Disconnect the unit from the electrical outlet before cleaning.

• Clean all necessary parts after each use as instructed in this guidebook.

• Always dispose of any remaining medication in the medication cup after each use. Use fresh medication each time you use the device.

• Do not store the air tube with moisture or medication remaining in the air tube. This could result in infection as a result of bacteria.

MEDICAL DISCLAIMER:

This manual and product are not meant to be a substitute for advice provided by your doctor or other medical professionals.

Don't use the information contained herein or this product for diagnosing or treating a health problem or prescribing any medication. If you have or suspect that you have a medical problem, promptly consult your doctor.

Durable periods are as follows, provided the product is used to nebulize 2ml of medication 2 times a day for 10 minutes each time at room temperature (25°C).

Durable period may vary depending on usage environment.

• Main unit 3 years • Air Filter 60 days

• Nebulizer Kit 1 year • Child mask 1 year

• Air Tube, Mouthpiece 1 year

Product specifications

AC Adapter DC12V, 1A

Power Power Consumption AC 100~240V, 50~60Hz

< 12 W

Sound Level < 55 dB(A) (1 meter away from NI60)

Compressor Pressure Range > 16 psi (10 kPa)

Operating Pressure Range > 8 psi (55 kPa)

Operating Flow Range > 2.0 lpm

Operating Temperature Range 10°C to 40°C (50°F to 104°F)

< 90% RH

Operating Humidity Range 700-1060 hPa

Storage Temperature Range -20°C to 60°C (-4°F to 140°F)

Storage Humidity Range < 90% RH

Dimension (L x W x H) 215.5mmx134.6mmx93.3mm (8.485x5.3x3.67 Zoll)

Weight 334g (without accessories)

Medication Capacity 5ml*

Particle Size Distribution

3. Make sure that the nozzle is properly installed on the upper cover. The stem inside the medication cup inserts into the tube of the nozzle.
 4. Add the prescribed amount of medication to the medication cup.
 5. Reassemble the nebulizer kit by carefully twisting the medication cup and cover together. Make sure that the two parts fit securely.
- WARNING:** The symbol on the product means that it's an electronic product and following the European directive 2012/19/EU the electronic products have to be disposed on your local recycling centre for safe treatment.

Operating your nebulizer

The nebulizer kit is operable at up to a 45° angle. If the angle is greater than 45°, no aerosol will be generated.

1. Attach one end of the air tube connector to the air output.

2. Carefully attach the opposite end of the air tubing connector to the stem at the base of the nebulizer kit.

3. Attach the angled mouthpiece or mask to the top of the nebulizer kit.

4. The capacity of the medication cup is 2~5 ml.

NOTE: A 30-minute interval is recommended after each use.

Please read this manual carefully before use and be sure to keep this manual.

Operating your nebulizer

After every use:

1. Unplug the unit from the power source.

2. Allow the unit to completely cool.

3. Carefully detach the air tubing from the nebulizer and pour out any remaining medication.

4. Follow the cleaning procedures provided in this guidebook.

Using the AC Adapter

1. Check that the power switch is in the "OFF" position.

2. Connect the AC adapter with the AC adapter jack in the back of the unit.

3. Plug the AC adapter into the socket. (AC adapters with re-required voltage and current indicated near the AC adapter jack.)

4. Use only the authorized AC Adapter with this nebulizer.

5. Press the power switch to the "ON" position.

Cleaning procedures

Rinsing technique (performed after each treatment or before first use).

1. Make sure that the power switch has been turned to the "OFF" position and the unit has been disconnected from the power source.

2. Disconnect the air tube from the nebulizer device.

3. Gently twist and pull up the cover of the nebulizer kit to open and separate.

4. Rinse the nebulizer kit and components with hot tap water.

5. Dry with clean towels or completely air dry.

6. Reassemble the nebulizer kit.

NOTE: For the first time cleaning or after the unit has been stored for an extended period of time, thoroughly clean all components, except the air tube. The nebulizer kit is dishwasher safe.

7. Cleaning the compressor

Wipe the compressor daily using a soft cloth.

NOTE: Any other form of cleaning or cleaning agents may damage the finish of the unit.

Changing the air filter

It is important to change the air filter approximately when the air filter turns gray. It is recommended to change air filter every 2 months.

1. Remove the air filter cover by gently pulling forward.

2. Discard the gray filter.

3. Replace with a new, clean air filter.

4. Securely re-attach the air filter cover to the unit.

Protection against electric shock:

• Class II equipment .

Type BF applied parts:

• Mouthpiece and mask .

Protection against harmful ingress of water and particulate matter:

• IP21

Degree of safety in the presence of flammable anesthetics or oxygen:

• No AP/APG (not suitable for use in the presence of flammable anesthetics or oxygen)

Accessories (Optional)



Electromagnetic Compatibility Information

1. This device needs to be installed and put into service in accordance with the information provided in the user manual.

2. WARNING: Portable RF communications equipment (including peripherals such as antennae and external antennas) should be used not closer than 30 cm (12 inches) to any part of the NI60, including cables specified by the manufacturer. Otherwise, degradation of the performance of this device could result.

If higher IMMUNITY TEST LEVELS than those specified in Table 9 are used, the minimum separation distance may be lowered. Lower minimum separation distances shall be calculated using the equation specified in 8.10.

DESCARTE DE RESPONSABILIDAD MÉDICO:

Este manual ni el producto se han concebido para sustituir cualquier consejo proporcionado por parte de su doctor o otro profesional médico.

No use la información presentada aquí para este producto para el diagnóstico o el tratamiento de una enfermedad. Si tiene alguna pregunta acerca de la medicina, consulte a su médico o farmacéutico.

Desconecte la unidad de la toma de corriente eléctrica antes de la limpieza y el almacenamiento.

• Desconecte el extremo del conector de tubo de aire en el salida de aire.

• Con precaución desenchufe el extremo opuesto de conector de tubo de aire en elástico del dispositivo nebulizador.

• Trenchez Sie das Deckel des Nebulizers und ziehen Sie ihn nach oben.

• Enchufe Sie die boquilla acodada en la parte superior del dispositivo nebulizador.

• Verwenden Sie die boquilla acodada en la parte superior del dispositivo nebulizador.

• Trenchez Sie das Deckel des Nebulizers und ziehen Sie ihn nach oben.

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