

Using the AC Adapter, DC Adapter or Rechargeable Battery Pack.

Your nebulizer operates by use of either an AC adapter, DC adapter or a rechargeable battery pack.

NOTE: The battery pack must not be connected to the compressor when using the AC or DC adapter.

Using the AC Adapter:

1. Insert the AC adapter plug into the receptacle of the compressor, located on the bottom of the compressor.
2. Following general safety precautions, plug the adapter into a standard AC outlet.
3. Proceed to "Assembling and Operating Your Nebulizer" instructions.

Using the DC Adapter:

1. Insert the DC adapter plug into the receptacle of the compressor, located on the bottom of the compressor.
2. Following general safety precautions, plug the adapter into a standard DC outlet.

Using the Rechargeable Battery Pack

Your compressor nebulizer can operate with the use of a rechargeable battery when AC power is not available. The life of the battery is approximately 2 years; however, battery life will vary depending on usage, storage and charging conditions.

To Charge the Battery

1. Insert the AC adapter plug into the receptacle of the battery pack, located on the top of the battery pack, see FIG. B.
2. Following general safety precautions, plug the adapter into a standard AC outlet.

Charging Time:

1st Time use: 24 hours

Thereafter: 4-12 hours

A red battery light shows that the battery is being charged. If the lamp changes from red to green during charging, it indicates the battery is fully charged. Unplug the adapter from the battery pack.



Fig. B



Roscoe Medical Portable Compressor Nebulizer Guidebook

Models No's: NEB-PORT and NEB-PORTNB

Your Nebulizer is intended for use in the treatment of asthma, COPD and other respiratory ailments in which an aerosolized medication 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. The Nebulizer is intended for single patient use only.

Federal (U.S.A.) law restricts this device to sale by, or on the order of, a licensed physician.



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5. Dry with clean towels or allow to completely air dry. Reassemble the nebulizer and store the parts in a cool, dry place.

Cleaning Technique

(Performed after last treatment of the day or before first time use):

1. Follow steps 1-4 under "Rinsing Technique".
2. Wash all nebulizer parts, mouthpiece and other optional components in warm water and a mild detergent. Rinse in hot tap water.

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

3. Prepare a vinegar/distilled water solution of one part white vinegar to three parts distilled water.
4. Submerge the rinsed parts in the vinegar/distilled water solution for 30 minutes.
5. Follow steps 4-5 under "Rinsing Technique".

Cleaning the Main Body (Compressor)

The compressor should be cleaned with a soft cloth moistened with water and dried with a soft cloth.

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

Changing the Air Filter

It is important to change the air filter approximately every 30 days or when the air filter turns gray.

1. Remove the air filter cover by gently peeling back the rubber cover.
2. Discard the gray air filter.
3. Replace with a new, clean air filter.
4. Securely reattach the air filter cover to the unit.

NOTE: Air filters cannot be cleaned or washed. Do not substitute alternate material such as cotton. Do not operate without an air filter.

Make sure that the mouthpiece or other attachments are properly connected to the nebulizer cover.

8. Check that the POWER switch has been pressed to "OFF". Plug the power cord into a main outlet.
9. Press POWER switch to the "ON" position to begin your prescribed treatment.
10. Once the treatment is complete, press the POWER switch to "OFF" and unplug the power cord from the outlet.

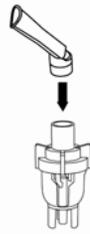


Fig. H

Remember:

- Keep your eyes away from the output of medication mist.
- If any discomfort or abnormality occurs, stop using the unit immediately.
- Do not tilt or shake the unit when in operation.

After Every Use

1. When the treatment has ended, press the POWER button.
2. Unplug the unit from the power source.
3. Allow the unit to completely cool – approximately 20 to 30 minutes.
4. Carefully remove the nebulizer and pour out any remaining medication.
5. Follow the cleaning procedures provided in this guidebook.

Note:

- The unit should not be used for more than 30 minutes at a time.
- Wait 30 minutes before reusing the unit.

Cleaning Procedures

Please consult with your physician or therapist prior to cleaning regarding the use of commercial disinfectants and appropriate cleaning methods. It is important to clean your nebulizer before the first time it is used and after each use. Remember: disconnect the unit from the electrical outlet and never immerse the unit in water.

Rinsing Technique

(Performed after each treatment)

1. Make sure that the POWER button has been pressed "OFF" and the unit has been disconnected from the power source.
2. Disconnect the nebulizer, air tube, mouthpiece and/or mask. NOTE: If removing the nebulizer from the stem of the compressor, twist the entire nebulizer, then lift to remove.
3. Gently twist and pull up on the cover to open and separate, Fig. A.
4. Rinse the nebulizer and components with hot tap water.

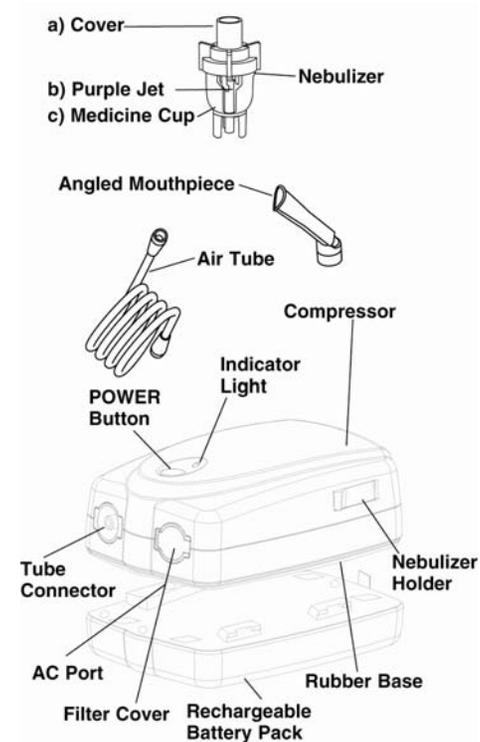
Introduction

Thank you for purchasing the Roscoe Medical Portable Compressor Nebulizer. It is a compact medical device designed to efficiently deliver physician prescribed medication to the bronchial lung passages. With proper care and use, it will provide you with many years of reliable treatment.

Your compressor nebulizer should be used under the supervision of a licensed physician and/or respiratory therapist. We encourage you to thoroughly read this guidebook to learn about the features of your nebulizer. Together with your physician and/or respiratory therapist, you can feel comfortable and confident knowing that you are receiving the most effective inhalation treatments for your respiratory condition.

Treatments are delivered quickly, safely and conveniently making this unit ideal for all ages. Any use of this product other than its intended use should always be avoided.

Product Identification



Important Safeguards

Note: Read all instructions carefully before use. The following basic precautions are needed when using an electrical product. Failure to read and observe all precautions could result in personal injury or equipment damage.

1. To avoid electrical shock: Keep the unit away from water • Do not immerse the power cord or the unit in liquid • Do not use while bathing • Do not reach for a unit that has fallen into water – immediately unplug the unit.
2. Never operate the unit if it has any damaged parts (including power cord), if it has been dropped or submersed in water. Promptly send it to a service center for examination and repair.
3. The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.
4. Disconnect the unit from the electrical outlet before cleaning, filling and after each use.
5. Do not use other attachments unless recommended by manufacturer.

Operating Cautions:

1. Connect this product to an appropriate voltage outlet for your model.
2. Do not run this product unattended.
3. Never operate if this unit has a damaged cord or plug, if it has been dropped, or in any way, into water, if it does not work properly. Return it to a service center for repair.
4. If any abnormality occurs, discontinue use immediately until the unit has been examined and repaired.
5. Always unplug the product immediately after use.
6. Never block the air openings of the main unit or place it where the air openings may be obstructed.

Storage Cautions:

1. Do not store the unit under direct sunlight, high temperature or humidity.
2. Keep the unit out of reach of small children.
3. Always keep the unit unplugged while not in use.

Cleaning Cautions:

1. Do not immerse the unit in water. It may damage the unit.
2. Disconnect the unit from the electrical outlet before cleaning.
3. Clean all necessary parts after each use as instructed in this guidebook.

Operating Your Nebulizer

NOTE: Prior to initial operation, the nebulizer should be thoroughly cleaned.

1. Place your Roscoe Medical Compressor Nebulizer on a flat and stable surface. Be sure that you can easily reach the controls when you are seated.
2. Open the clear cover and remove the inside accessories.
Important: Prior to initial operation, the nebulizer should be thoroughly cleaned referring to the "Cleaning Procedures" in this guidebook.
3. Gently twist the top part of the nebulizer counter-clockwise to disassemble the nebulizer, Fig A.
4. Fill the bottom section of the nebulizer with the medication prescribed by your physician. Be sure that the cone is put inside the bottom section (the stem inside the medicine cup inserts into the tube of the cone), Fig F.
5. Gently twist the top part clockwise to and fill medication re-assemble the nebulizer. Be sure the two sections fit securely.
6. Attach one end of air tube to the base of the nebulizer, Fig G. Attach the opposite end of the tubing to the tube connector on the front of the compressor.
7. NOTE: The nebulizer that is provided with your kit is operable at up to a 45° angle.

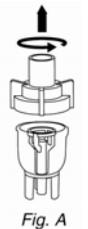


Fig. A



Fig. F

Attach the angled mouthpiece or optional mask to the top section of nebulizer, Fig H.

If using the optional tee adapter set (Fig. H):
(a.) Attach the tee adapter to the top of the nebulizer.
(b.) Connect one end of the tee adapter to the straight mouthpiece and the other end to the extension tube.
NOTE: The tee adapter is not needed when using a mask.

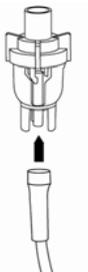


Fig. G

Product Specifications

Power	NiMH battery, 12V AC, 12V DC Adapter
Current	1.2 A
Particle Size	6.5 um~7.8 um
MMAD	4 um
Sound Level	Around 60 dBA
Medication bowl capacity	13ml (cc)
Average Nebulization Rate	0.2ml/min
Compressor Pressure Range	30 to 36 Psi (210 to 250 KPa / 2.1 to 2.5 bar)
Operating Pressure Range	8 to 16 Psi (55 to 70 KPa / 0.5 to 0.7 bar)
Liter Flow Range	4 ~ 8 lpm
Operating Temperature Range	10°C to 40°C (50°F to 104°F)
Operating Humidity Range	10% to 90%RH
Storage Temperature Range	-25°C to 70°C (-13°F to 158°F)
Storage Humidity Range	10% to 90%RH
Dimension (L x W x H)	5-1/8" x 3-1/2" x 1-3/4" w/o battery pack; 5-1/8" x 3-1/2" x 2-1/2" with battery pack
Weight	12.5 oz w/o battery pack 1 lbs. 9 oz. with battery pack
Standard Accessories	Nebulizer, Air Tube, Mouth piece, Filters (5pcs),
Optional Accessories	Baby pacifier inhalator w/connector, Adult mask, Child mask, Battery

Specifications are subject to change without notice.

Protection against electric shock



Class II Equipment



Type BF applied parts:
- Mouthpiece, baby pacifier inhaler & mask.

Protection against harmful ingress of water
- IPX0 (Ordinary)

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)

To Use the Battery

1. Expose the battery terminal on the bottom of the compressor by removing the rubber base.
2. Attach the compressor and battery pack making sure that the battery terminals meet, Fig. C. Slide the battery to the locked position. Check that the compressor and battery pack are securely connected.



Fig. C

NOTE: Press the POWER button. A green light will illuminate above the POWER button to indicate a charged battery. A red light indicates that the battery needs to be charged.

3. Proceed to “assembling and Operating Your Nebulizer” instructions.

To Unlock the Battery

1. While holding both the compressor and battery pack, press the button located on the side of the compressor.
2. Slide the battery to the open position. The components should then release, FIG. D.



Fig. D

Limited Warranty

Roscoe Medical guarantees that its portable nebulizer will be free from manufacturing defects under normal use for a period of five years from the date of purchase.

This warranty covers only normal use, and does not apply to use in any clinical or commercial applications. This warranty does not cover batteries or other power sources that may be provided with or used with the portable nebulizer. This warranty is voided if the Roscoe portable nebulizer is misused or abused in any manner.

If the Roscoe portable nebulizer fails to operate during warranty period, please contact the dealer/provider from which you purchased the product from. When returning the product, please also include a brief description of the specific problem. Please carefully package the product to avoid any damage that may occur while in the transit. Repair or replacement of the defective unit, at Roscoe's option, is the sole remedy under this warranty.

ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO THE TIME THAT THE ORIGINAL CONSUMER PURCHASER OWNS THE PRODUCT. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty constitutes Roscoe's only responsibility and obligation to repair and/or replace materials or components, or refund the purchase price. **Roscoe will not be responsible for any indirect, incidental, or special, consequential, or punitive damages or other loss**, including but not limited to, damage to or loss of other property or equipment and personal injuries, whether to purchaser or others. Roscoe shall in no event be liable to the purchaser for any amount in excess of the cost of repair and /or replacement of the unit, or the purchase price of the unit. Some states do not allow the exclusive or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Warranty Specifics

5-year limited warranty on the compressor unit.

90-day limited warranty on the battery pack.

Replacement Parts

Replacement parts are available through your local dealer.

Troubleshooting

If any abnormality occurs during use, please check and correct the following:

CONDITION	CORRECTION
Unit does not operate when POWER switch is pressed.	Check the AC connection to the outlet. Check that battery is fully charged.
No misting or low rate of misting	Check that there is medication in the nebulizer cup. Check the nebulizer for damage. Check the position of the cone jet inside the nebulizer. Make sure that air tube and other components are properly attached. Check the air filter and replace if necessary. Check the air tube and replace if necessary.



Mode of operation – continuous. With respect to electric shock, fire and mechanical hazards only in accordance with UL 2601-1.