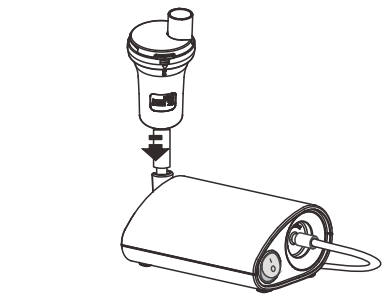


INSTRUCTION MANUAL

DC COMPRESSOR NEBULIZER Model VP-D1



- Thank you very much for purchasing Nebulizer.
- Be sure to read this Instruction Manual before using the unit for you to use it safely and correctly.
- Please keep the manual appropriately for future reference.
- This User Manual is suitable to the following model: VP-D1,
- Additional features of the device are highlighted throughout the Manual.

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2.2. Cautions

- 1.Do not inhale water in the Nebulizer Cup.
- 2.Do not spill water or other liquids on the compressor and Power Plug. These parts are not waterproof. If liquid spills on these parts, immediately unplug the Power Plug and wipe off the liquid with gauze or other soft absorbent material.
- 3.Do not drop or apply strong shock to the Main Unit or Nebulizer Cup.
- 4.Do not disassemble, repair, or modify the unit.
- 5.Provide close supervision when this device is used by, on, or near infants, children or compromised individuals.
- 6.If the device is used continuously, the service life of the device may be shortened.
- 7.Do not insert any object into the compressor.
- 8.Make sure the Air Filter is clean. If the Air Filter has changed color or has been used for more than 60 days, replace it with a new one. For more Air Filter purchase, please contact with service personnel to Vapo healthcare Co., LTD.
- 9.For more the Nebulizer Cup, Mouthpiece, Masks or Nosepiece purchase, please contact with service personnel to Vapo healthcare Co., LTD.
- 10.Make sure the Nebulizer Cup is correctly assembled, the Air Filter is properly installed, and the Air Tube is correctly connected to the compressor and the Nebulizer Cup. Air may leak from the Air Tube during use if not securely connected.
- 11.Do not use the device if the Air Tube is bent.
- 12.Do not add more than 8mL of medication to the Nebulizer Cup.
- 13.Do not operate the device at temperatures greater than +40°C (+104°F).
- 14.Do not tilt the Nebulizer Cup so the angle of the kit is greater than 45°. Medication may flow into the mouth.
- 15.Do not shake the Nebulizer Cup while using the device.
- 16.Use only Vapo authorized parts and accessories. Parts and accessories not approved for use with the device do not perform the expected specification or it may damage the unit.
- 17.Changes or modification not approved by Vapo Healthcare will void the user warranty.
- 18.To avoid injury to the nose mucosa, do not squeeze the optional Nosepiece into the back of the nose.

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1. Getting to Know Your Nebulizer

1.1. Intended Use

The DC Compressor Nebulizer (Model: VP-D1) are intended to aerosolize physician-prescribed solutions for inhalation that are approved for nebulization. The equipment operator may be a medical staff, or it may be operated by the patient himself. The device may be used with child and adult patients in the home, hospital, and sub-acute care settings, they are not intended for life support nor do they provide any patient monitoring capabilities.

1.2. Intended user

- Legally certified medical experts, such as doctor, nurse and therapist.
- Caregiver or patient under the guidance of qualified medical experts.
- The user should also be capable of understanding general operation of this device and the content of instruction manual.

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- 19.When using this device, there will be some noise and vibration caused by the pump in the compressor. There will also be some noise caused by the emission of compressed air from the Nebulizer Cup. This is normal and does not indicate a malfunction.
- 20.Do not use the device while sleeping or if drowsy.
- 21.Remove the Power Plug from the device after use.
- 22.Unplug the Power Plug from the electrical outlet before cleaning the device.
- 23.Do not leave the Nebulizer Cup with medication after use.
- 24.Do not store the Air Tube with moisture or medication remaining in the Air Tube. This could result in infections a result of bacteria.
- 25.Do not wrap the Power Plug around the compressor (main unit).
- 26.The device should be used with caution or be used under the guidance of doctors by patients those who may show difficulty in breathing, apnea or continuous asthma during process of atomization.

2.3.In the use of instrument following phenomenon may occur

The nebulization characteristics of this unit differ by the properties of medication. Especially with the use of a medication having high surface activity or viscosity such as medication solubilizing agent or expectorant, the nebulization rate may be reduced. The nebulization rate may also be reduced when the temperature of medication is low.

2.4. Nature and Frequency of Maintenance

This product is designed for use over an extended period of time.

2.5. Protect the Nature Environment

Please help to protect natural environment by respecting national and/or local recycling regulations when disposing of and the product at the end of their service live.

2.6.Other matters to check before use

Before each use, please turn on the machine and check whether it can work normally. There are no abnormal high temperatures, abnormal noise, no gas output, etc. If there is any abnormality, please do not use it and contact after-sales service.

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1.3. Specification

Product Name	DC Compressor Nebulizer
Model	VP-D1
Power Source	Adaptor: 100-240VAC, 50/60Hz. Main Unit: DC 12V, 1A.
Dimensions	123mm(L)*81mm(W)*54mm(H)
Weight (not including Nebulizer Cup and air tube)	Approximately 228g
Working Environment	Temperature: 10 to 40 °C Humidity: 30 to 85% RH Atmospheric Pressure: 700 – 1060hPa
Storage Environment	Temperature: -20 to 50 °C Humidity: 30 to 85% RH Atmospheric Pressure: 700 – 1060hPa
Applied Part	Mask, mouthpiece, nosepiece (Type BF)
Classification of installation and use	portable
Device type (component/sub-assembly/ equipment/system)	Equipment
Mode of operation	20min ON, 40min OFF
Sound Level	≤52 dB
Capacity of Nebulizer Cup	≤8 mL
Nebulization Rate	≥0.20 mL/min
Particle Size	MMAD approximately 5 μm
Dustproof and waterproof	IP22
Free Flow Rate	5.5 L/min±25%
Max Pressure	≥100 kPa
Guarantee	Main Unit: 2 years

Note:

- This unit is a medical instrument. Be sure to follow the instructions of a doctor and use the unit correctly. For the type, dose, and regimen of medication, be sure to follow the instructions of a doctor.
- Nebulization rate is lowered at low temperature.
- Specifications and appearance may be changed without prior notice for improvement.

3. Precaution for use and maintenance

3.1. Precautions for Use

- This unit is a medical instrument. Be sure to follow the instructions of a doctor and use the unit correctly.
- Do not use the device if it is damaged in any way. The continuous use of a damaged unit may cause injury, improper output, or serious danger.
- When not in use, store the device in a dry room and protect it against extreme moisture, heat, lint, dust and direct sunlight. Never place any heavy objects on the storage case.
- No modification of this equipment is allowed.
- Inhalation Mask is recommended when the main unit is used by children less than 5 years old.
- Metallic sound may be generated, but it is not a trouble.
- The mouthpiece and inhalation mask contact user directly, please keep it clean.
- If you have any problems with this device, such as setting up, maintaining or using, please contact with service personnel to Vapo healthcare Co., LTD., Don't open or repair the device by yourself.
- Please report to Vapo healthcare Co., LTD., if any unexpected operation or events occur.

3.2. Precautions for storage

- DO not store the device in locations exposed to high temperatures (over 50°C), low temperatures (below -20°C), high relative humidity (over 85%) or excessive amounts of dust. Never place any heavy objects on the storage case.
- Store the device and component in a clean, safe location.

3.3. Maintenance

- Do not drop the device or subject it to other shocks or vibration.
- Never dry the parts in the microwave oven.
- Do not carry or leave the nebulizer with medication in the Nebulizer Cup.

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1.4. Device Description

The DC Compressor Nebulizer is a portable aerosol nebulizer electronically powered by an external power adapter. When the air enters the nebulizer, it converts the prescribed medication into an aerosol of microscopic droplets that can easily be inhaled. The patient can use this aerosol for his/her respiratory therapy easier and more convenient. The device equips with a mask, a mouthpiece, and a nosepiece which is optional to easily delivery the medical aerosol.

The device operates on the Venturi principle. Compressed air is driven through a converging nozzle, where it accelerates and emerges at a high velocity, creating a vacuum (Venturi effect). The vacuum draws a liquid residing in a reservoir up through a cylindrical channel and into the emerging airstream formed by the nozzle, to mix with air and impact upon a rigid surface. This process uses energy from the airstream to covert liquid into small droplets call aerosol.

1.5. Advantages

- This product can drive the medication solutions into nano particles approximately 5μm which may be used for the treatment of respiratory diseases such as asthma, allergies, etc.
- DC Compressor Nebulizer (model: VP-D1) has portable hand-held appearance so customers can use it in the home, hospital, and sub-acute care settings conveniently.
- Easy to used: Turn the Power Switch to the on (I) position. (To stop Nebulization, turn the power switch to the off (O) position.)
- Different inhalation accessories: Mouthpiece, Mask and Nosepiece (Optional). When Inhale medication, you can choose different ways.

1.6. Nebulization Principle

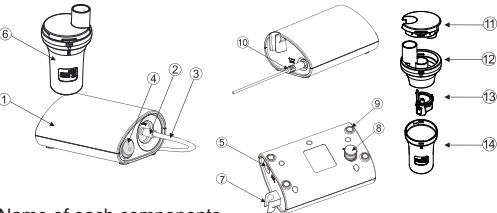
The device operates on the Venturi principle. Compressed air is driven through a converging nozzle, where it accelerates and emerges at a high velocity, creating a vacuum (Venturi effect). The vacuum draws a liquid residing in a reservoir up through a cylindrical channel and into the emerging airstream formed by the nozzle, to mix with air and impact upon a rigid surface. This process uses energy from the airstream to covert liquid into small droplets call aerosol. Below is the principle diagram.

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3.4. Precautions for Cleaning

- Before and after use, manually wipe, clean and disinfect the main unit and adapter.

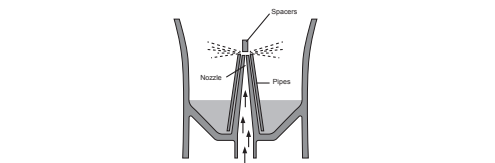
4. Name of Each Part



Name of each components

- | | |
|-------------------------|-------------------------------|
| 1 Compressor(Main Unit) | 9 Footpad |
| 2 Air outlet | 10 DC Adapter |
| 3 Air Tube | 11 Nebulizer Cup Cover |
| 4 Power Switch | 12 Nebulizer Cup Upper Shell |
| 5 DC jack | 13 Nebulizer Slice |
| 6 Nebulizer Cup | 14 Nebulizer Cup Bottom Shell |
| 7 Nebulizer Cup Holder | |
| 8 Air Filter Cover | |

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1.7. Phthalate Free

With regard to composition of Phthalate, DC Compressor Nebulizer does not contain these substances. Vapo Healthcare Co., LTD. has SVHC Test Report. You can get detailed information from Vapo Healthcare Co., LTD.

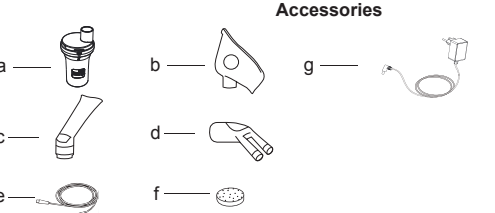
1.8. Contraindications and Adverse reaction

- Patients allergic to aerosolized drug.
- Do not use the device if you are sensitive to mask, mouthpiece or nosepiece.

1.9. Patient Populations

This product is only designed for patients (adult and children) who are able to breathe by themselves and are conscious. And need to be administered respiratory diseases through the respiratory tract.

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Name of Accessories:

- | | |
|-------------------------|---------------|
| a. Nebulizer Cup | e. Air Tube |
| b. Inhalation Mask | f. Air Filter |
| c. Mouthpiece | g.DC Adapter |
| d. Nosepiece (optional) | |

The accessories is a consumable part, and available in the dealers where the product is sold.

Operation, Cleaning and disinfection

As for the operation of the accessories, please refer to section 5. 'operation procedure'
As for the cleaning and disinfection of the accessories, please refer to section 6. 'Cleaning and disinfection'

Replace Nebulizer Cup

You can usually use Nebulizer Cup for approximately 6 months.

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2. Warnings and Cautions

2.1. Warnings

- 1.For the type, dose, and regimen of the medication, be sure to follow the instructions of a doctor.
- 2.When you use the unit for the first time after purchasing it or after not using it for a long period of time, be sure to clean and disinfect Nebulizer Cup.
- 3.Make sure that the Nebulizer Cup, mask, mouthpiece and nosepiece are clean before use.
- 4.The equipment operator may be a medical staff, or it may be operated by the patient himself.
- Legally certified medical experts, such as doctor, nurse and therapist.
- Caregiver or patient under the guidance of qualified medical experts.
- The user should also be capable of understanding general operation of this device and the content of instruction manual.
- 5.Don't maintain the device while it is in use with the patient.
- 6.Be sure to dry the cleaned and disinfected parts promptly, and store them in a clean place.
- 7.Do not place or attempt to dry the device, components or any of the nebulizer parts in a microwave oven.
- 8.Place the equipment where it is hard for children、infants、pets or pests to reach. To avoid strangulation caused by the USB cable. The device may contain small parts that can be swallowed, moreover strangulation due to cables and air tube may occur.
- 9.Don't use accessories such as Nebulizer Cup, mask, nosepiece, mouthpiece what is not provided by the supplier described in the brochure.
- 10.Do not wash the Main Unit and Power Plug with water.
- 11.Do not immerse the Main Unit in water or other liquid.
- 12.Do not cover the compressor with a blanket, towel, or any other type of cover during use. This could result in the compressor overheating or malfunctioning.
- 13.Do not use the device where the device may be exposed to flammable gas or VAPORs.
- 14.Not suitable for use in the presence of flammable anesthetic mixture with air or oxygen or nitrous oxide.
- 15.Pentamidine is not an approved medication for use with this device.
- 16.Always dispose of any remaining medication in the Nebulizer Cup after each use.

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5. Operation Procedure

5.1. Prepare the Power Source

Step: Connect the Power Plug to the power outlet as shown in the Figure.

Note:

- The Unit only can work correctly at 100-240V 50/60Hz.
- Don't operate with wet hand!

5.2. Fill in the Medication

Step 1: Lift up the Mouthpiece, or Nosepiece or Mask from the Nebulizer Cup.

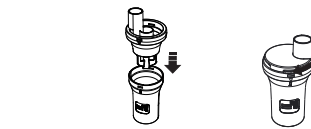
Step 2: Unscrew the Nebulizer Cup Upper Shell as shown in the picture A.

Step 3: Fill in the correct amount of prescribed medication in the Nebulizer Cup Bottom Shell as the shown in the picture B.

Note:

- The maximum capacity of Nebulizer Cup is 8 ml.
- Caution: Be sure not to knock the slice off to the ground. The slice is fixed on the Nebulizer Cup Upper Shell by two hooks, and can be pulled out with some power.

5.3. Assemble the Nebulizer Cup



Step1: Screw the Nebulizer Cup Upper Shell to the Nebulizer Cup Bottom Shell clockwise until securely closed as the shown in the picture above.

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- 17.Do not leave the device or its parts where it will be exposed to extreme temperatures or changes in humidity, such as leaving the device in a vehicle during warm or hot months or where it will be exposed to direct sunlight.
- 18.Do not use or store the device where it may be exposed to noxious fumes or volatile substances.
- 19.Do not use in an aesthetic or ventilator breathing circuits.
- 20.Using a solution, suspension, or emulsion different from that recommended by the manufacturer, in particular, a suspension and/or high-viscosity solution, can alter the particle size distribution curve, the MMAD, aerosol output, and/or aerosol output rate, which can then be different from those disclosed by the manufacturer.
- 21.This unit is designed for personal use. It is not appropriate for more than one user.
- 22.Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.
- 23.Unauthorized modifications to this device may cause the device to malfunction. Please do not modify this device without authorization.
- 24.If you take this product out of an environment beyond the operating temperature / humidity range, please let it stand in the working environment for no less than 1 hour before starting to use it.
- 25.The maximum surface temperature of the application part is 42.4 °C.
- 26.The parts in contact with the human body contains PP, PVC and other materials, which may cause allergic reactions. People who are allergic to these materials should use with caution. Do not use accessories other than those specified for this product, as they may cause sensitization due to different unknown materials.

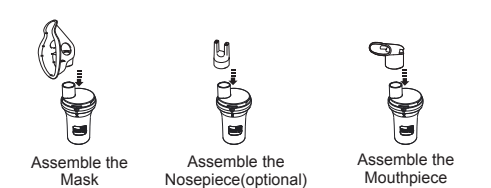
Risk of Electrical Shock:

1. Do not use the compressor (main unit) or Power Plug while they are wet.
2. Do not plug or unplug the Power Plug into the electrical outlet with wet hands.
3. Do not use or store the device in humid locations, such as a bathroom. Use the device within the operating temperature and humidity.
4. Do not operate the device with a damaged power cord or plug.

Maintenance and Storage

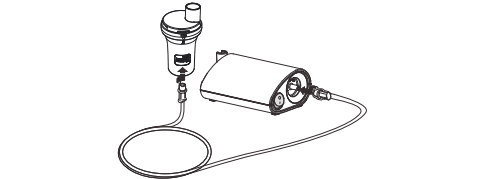
1. Do not leave the cleaning solution in the nebulizer parts. Rinse the nebulizer parts with clean hot tap water after disinfecting.
2. Store the device and the components in a clean, safe location.

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Step2: Assemble the desired inhalation accessories as the shown in the picture above.

5.4. Assemble the Air Tube



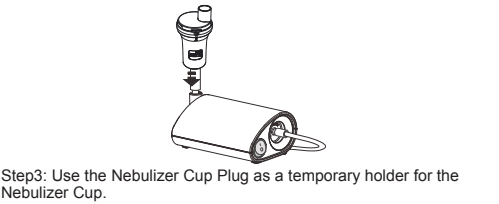
Step 1: Twist the Air Tube plug and push it firmly into the Air Tube Connector on the upper side of the compressor.

Step 2: Twist the Air Tube plug slightly and push it firmly into the Air Tube connector on the bottom of the Nebulizer Cup.

Note:

- Keep the Nebulizer Cup upright when assembling the Air Tube. Otherwise medication may spill out of the Nebulizer Cup.
- Don't use the Unit if the Air Tube is bent.

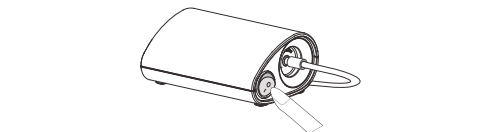
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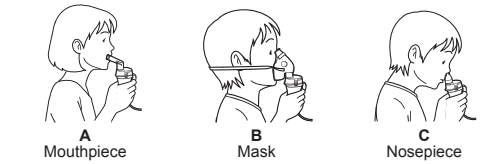
5.5. How to use the Unit



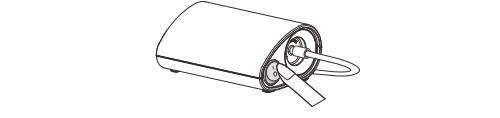
Step 1: Hold the Nebulizer Cup as shown in the Figure A above.
Note: Do not tilt the Nebulizer Cup greater than 45°. Otherwise medication may flow into the mouth.



Step 2: Turn on the Unit: Turn the Power Switch to the on (I) position. As the compressor starts, nebulization begins. (To stop nebulization, turn the power switch to the off (O) position.)



Step 3: Inhale medication as instructed by physician. Difference between the inhalation accessories as above.
-Mouthpiece: Insert the Mouthpiece into your mouth. Inhale medication normally. Exhale normally through the Mouthpiece as the shown in the picture A.
-Nosepiece (Optional): Inhale the medication through the nosepiece as illustrated.
Exhale through the nose as the shown in the picture B.
-Mask: Place the Mask over the nose and mouth. Pull the elastic strap over the head. Gently pull on the strap to secure the mask over the nose and mouth. Inhale the medication. Exhale normally through the mask as the shown in the picture C.



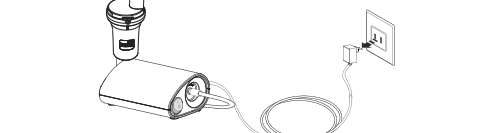
Step 4: Turn off the Unit: Turn the Power Switch to the off (O) position. As the compressor stops, nebulization stops.

Step 5: Disconnect the Air Tube from the Nebulizer Cup. Hold the Air Tube Plug and gently pull it down. Check the Air tube. No condensation or moisture should remain in the Air Tube.

Note:
If any condensation or moisture remains in the Air tube, remove the moisture from the air tube. Follow the directions below:
• 1. Make sure the Air Tube is still connected to the air tube connector on the upper side of the compressor.
• 2. Turn on the Unit, and the compressor will start and pump air through the air tube to expel the moisture.
• 3. Turn off the Unit.

Step 6: Disconnect the air tube from the compressor. Hold the Air Tube Plug and gently pull the Air Tube Plug off the Air Tube Connector on the upper side of the compressor.

Step 7: Unplug the Power Plug



Step 8: Unplug the DC adaptor from the power outlet as well as the main unit after using the device.

6 . Cleaning and disinfection

The mask, mouthpiece, nosepiece, air tube is intended for single use. Do no reprocess this part.
When the usage period of the air tube reaches the maximum use duration (7 days), or if there is visible dirt, or signs of material degradation (such as cracks, brittleness, or other change in the material), the air tube should no longer be used. It should be discarded and replaced by a new one.
The main unit and adaptor can only be cleaned and disinfected by wiping the device with disinfectant. An automated reprocessing or immersion cleaning and disinfection for these parts is not possible.

6.1. Preparation at the Point of Use
Remove gross soiling on the device with lint free towel wetted in cold water (<40°C) immediately after use. Don't use a fixating detergent or hot water (>40°C) as this can cause the fixation of residuals which may influence the result of the reprocessing process.

6.2. Main Unit, Adaptor
Before and after use, take the main unit and adaptor for manual cleaning/disinfection.
Soak a dry soft cloth with 75% ethanol or other disinfects which are approved for its efficacy by FDA and/or Health Canada approval, VAH/DGHM-listing, CE marking, etc. and wipe all the surfaces of the device, until the surfaces of the device are visually clean. Repeat this step with a new soft cloth soaked in above-mentioned disinfectant. Further repetition may be performed, if necessary.
Leave the surfaces to dry on its own.
Please follow the manufacturer's instructions of disinfectants.

6.3. Nebulizer Cup
• Pre-Cleaning
Do a manual pre-cleaning, until the devices are visually clean. Submerge the instruments in a cleaning solution. Clean the surfaces with a soft bristle brush.

• Manual Cleaning
Step 1: Remove the inhalation accessory from the Nebulizer Cup.

Step 2: Disconnect the Air Tube from the Nebulizer Cup.

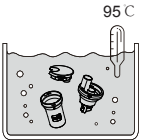
Step 3: Gently screw off the Nebulizer Cup Upper Shell.

Step 4: Discard the remaining medication.

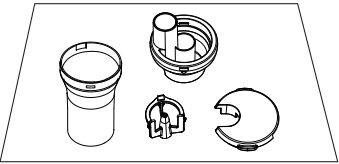


Step 5: Following conditions of manual cleaning can be performed for the products: 0.5%-1% neodisher MediClean forte, 10-30 minutes immersion time at 30 °C.
If other cleaners are used, select immersion times, concentrations and temperatures of the solutions as instructed by the manufacturer of the cleaner.
a. Wear disposable protective gloves.
b. Put the device in a suitable cleaning basin.
c. Create a detergent solution as instructed by the manufacturer of the detergent.
d. Completely immerse the device in the detergent solution. Make sure that there are no air bubbles on the products while immersed.
e. The product is brushed under the detergent solution with a soft, nylon bristled brush for 30 seconds until all visible residues are removed. Pay special attention to the product gaps. Then flush the lumen of the device with the detergent solution by using a syringe. Repeat the step for 5 times. The cleaning process takes about 10-30 minutes.
g. Remove the device from the cleaning basin. Rinse the device under running water for 30 seconds at room temperature.
h. Put the cleaned and rinsed device into a suitable clean basin with fresh de-ionized water. Thoroughly rinse and flush the lumen of the device with the water for 5 minutes.

• Boiling Disinfection:
Boiling disinfection should be performed for 2 min.
a. Immerse the devices in boiling water and boil for 2 minutes.
b. After completion of the disinfection time, remove the devices from the boiling water carefully.
c. The disinfection process at 95 °C for 2 minutes has been validated to provide sufficient disinfection effect.



• Drying:
Wipe and dry the device surface and lumen with a sterile lint-free cloth until the surface and lumen are free of water stains.



6.4. Functional Testing, Maintenance
Visual inspection for cleanliness of the products.
All devices should be checked again for dryness.
After cleaning and disinfection, a thorough inspection and maintenance ensures that the products are fit for use.
-Check that the product has no dents, cracks, deformations, scratches, etc.;
-Check all markings on the product for clear visibility.
Discard and replace any components as necessary.
Do not use the device with following defects: material deformation, cracks on the product, brittle or other change in the material, etc.
Test and maintain the device acc. to manufacturer's instruction.

6.5. Storage
Storage of processed products in a dry, clean and dust free environment at modest temperatures, refer to label and instructions for use.

Note:
• Never dry the parts in the microwave oven.
• Never use an autoclave, EOG gas disinfection or low temperature plasma sterilizer to disinfect the device.

6.6. Replace the Air Filter
Step 1: Pull the Air Filter cover to remove from the back side of the compressor.
Step 2: Remove the dirty Air Filter.
Step 3: Insert a new Air Filter.
Step 4: Put the Air Filter cover back to the compressor.



Note:
• If the Air Filter has changed color or has been used for more than 60 days, replace it with a new one. If water or medication has spilled on the Air Filter.
• Do not wash or clean the Air Filter. It may cause blockage.
• Do not use cotton or other material to substitute the Air Filter.
• Before inserting the new Air Filter make sure the Air Filter is clean.
• Do not operate the device without the Air Filter. Use only the Vapo Air Filter.

7 . Troubleshooting problems

Trouble	Possible Cause	How to Correct
No power to the device when the Power Switch is on.	The DC adapter is not plugged into the main unit.	Turn the Power Switch off. Plug the DC adapter into the DC jack. Turn the device on.
No nebulization or low nebulization rate when the power is on.	No medication in the Nebulizer Cup. Too much or too little medication in the Nebulizer Cup.	Add the correct amount of prescribed medication to the Nebulizer Cup.
	The Slice is not attached to the Nebulizer Cup Upper Shell or incorrectly positioned.	Make sure the Slice is correctly attached to the Nebulizer Cup Upper Shell.

Trouble	Possible Cause	How to Correct
No nebulization or low nebulization rate when the power is on.	The Nebulizer Cup is not correctly assembled.	Make sure the Nebulizer Cup is correctly assembled and the inhalation accessory is correctly attached.
	The nozzle is blocked.	Clean and disinfect the Nebulizer Kit to remove the blockage.
	The Nebulizer Cup is tilted at an incorrect angle.	Hold the Nebulizer Cup correctly. Do not tilt the Nebulizer Cup so the angle of the kit is greater than 45 degrees.
	The Air Tube is incorrectly attached.	Make sure the Air Tube is correctly attached to the compressor and the Nebulizer Cup.
	The Air Tube is folded or damaged.	Make sure the Air Tube is not folded, kinked or bent. Inspect the Air Tube for any damage. Replace the Air Tube if damaged.
	The Air Filter is dirty.	Replace the Air Filter with a new clean Air Filter.
The device is very hot.	The compressor is covered.	Do not cover the compressor with any type of cover during use.
The device is abnormally loud.	The Air Filter cover is incorrectly attached.	Attach the Air Filter cover correctly. Make sure the Air Filter cover is not blocked.

Note:
If the unit does not nebulize normally after taking the above-mentioned procedure, contact the store where you purchased the unit or the nearest Vapo dealer.

8 . Symbol Form

Symbol	Explanation
	Symbol for caution. This is a safety symbol that is used to highlight that there are specific warnings or precautions associated with the devices that are not otherwise found on the label. The symbol can also be used to mean "attention, see instructions for Use."
IP22	Protection against ingress of dust and water, it means the device could protected against dust with $\phi \geq 12.5\text{mm}$ and vertical falling water drop 15°.
	Manufacturer Indicates the date when the medical device was manufactured.
	This symbol indicates that the device includes IEC 60601-1 Type BF Applied Part.
	The symbol indicates that the device should be sent to the special agencies according to local regulations for separate collection after its useful life.
	Symbol for "THE OPERATION GUIDE MUST BE READ"; Indicates the need for the user to consult the instructions for use.
	Importer
	Class II
MD	Indicates the given product is a medical device.
SN	This symbol shall be accompanied by the manufacturer's serial number.
LOT	Symbol for lot number; Indicates the manufacturer's batch code so that the batch or lot can be identified.
EU REP	Indicates the Authorized representative in the European Community.
CE 0197	Symbol for CE Mark. This symbol certifies that a product has met European Union consumer safety, health, or environmental requirements.
UDI	Unique Device Identification
	Handle With Care

	Caution Against Wet
	This Side Up
	To Be Protected From Heat
	Recycle and Reuse Symbol
	Do Not Litter
	Working Temperature limit
	Working Humidity limit
	Working Atmospheric pressure limit
	Storage and Transport Temperature limit
	Storage and Transport Humidity limit
	Storage and Transport Atmospheric pressure limit

9 . Limited Warranty

IMPORTANT!
The DC Compressor Nebulizer is a personal care product. Please DO NOT return this product to the retailer you bought it from. If you have questions or need help, please call the Helpline on 0512-57990057 or email to market@vapohealth.com.
The main unit is guaranteed for two years when it is used in the environment described in this brochure.
If this main unit fails to function properly when used as directed under normal conditions within the two-year period, Vapo Healthcare Co., LTD. will either repair or replace the product, at our discretion, free of charge. Please contact the Vapo Healthcare Co., LTD. Helpline on 0512-57990057 or email to market@vapohealth.com.

9 . Limited Warranty

The product must be accompanied by a proof of purchase, either a bill of sale or other proof that the device is within the warranty period. Vapo Healthcare Co., LTD. will bear the cost of repairing or replacing the product and shipping it back to you.
This warranty does not apply to a product which has been damaged as a result of improper maintenance, an accident, improper voltage supply or any other form of misuse. The warranty is also void if the owner repairs or modifies the product in any way. Vapo Healthcare Co., LTD. is not liable for any incidental or consequential damages with regard to this product. The warranty also excludes any liability other than what is stated above. No other warranty is given.
LEGAL RIGHTS VARY FROM COUNTRY TO COUNTRY. SOME COUNTRIES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.
WE ARE NOT IN ANY WAY RESPONSIBLE FOR ANY OUTCOME RESULTING FROM THE USE OF THIS PRODUCT.
CAUTION: To help to avoid the risk of electric shock, do not expose this appliance to rain or moisture.
Protect the environment!
This electronic equipment contains reusable material and must not be disposed of with domestic waste. Please take it to a collecting point for electric and electronic equipment (ask your local authorities for details).

10. Guidance and Manufacturer's Declaration

1) This equipment needs to be installed and put into service in accordance with the information provided in the ACCOMPANYING DOCUMENTS;
2) IMMUNITY TEST LEVELS for basic safety and essential performance of ME equipment and ME systems should be chosen based on a high probability of maintaining basic safety and essential performance, and shall be according to the professional healthcare facility environment, home healthcare environment, and special environment, based on the locations of intended use.
3) HOME HEALTHCARE ENVIRONMENT is dwelling place in which a patient lives or other places where patients are present, excluding professional healthcare facility environments where operators with medical training are continually available when patients are present. Such as schools, outdoors, domiciles, vehicles hotels and pensions.
4) Please dispose the parts of the device once it is out of use according to local authorities.
5) MANUFACTURER will provide circuit diagrams, component part lists, descriptions, calibration instructions to assist to SERVICE PERSONNEL in parts repair.
6) Not use with hf surgical equipment.

7) Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.
8) Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.
9) The essential performance of the device includes: particle, MMAD, respirable fraction, and aerosol output rate.
If the essential performance fails or deteriorates due to EMC interference, the following measures can be taken: Use the product in a location where the EMC interference level is lower.
EXAMPLE: As indicated in Table 6 of EN 60601-1-2:2015+A1:2021: for ME EQUIPMENT, a typical cell phone with a maximum output power of 2 W yields d = 3.3 m at an IMMUNITY LEVEL of 3 V/m.

Guidance and manufacture's declaration-electromagnetic emission			
The Compressor Nebulizer is intended for use in the electromagnetic environment specified below. The customer or the user of the Compressor Nebulizer should assure that it is used in such an environment.			
Emission test	Compliance	Electromagnetic environment - guidance	
RF emissions CISPR 11	Group 1	The Compressor Nebulizer use RF energy only for its internal function. Therefore, its RF emissions is very low and is not likely to cause any interference in nearby electronic equipment.	
RF emissions CISPR 11	Class B	The Compressor Nebulizer is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.	
Harmonic emissions IEC 61000-3-2	N/A		
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies		

Guidance and manufacture's declaration – electromagnetic immunity			
The Compressor Nebulizer is intended for use in the electromagnetic environment specified below. The customer or the user of the Compressor Nebulizer should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment -guidance
Electrostatic discharge (ESD) IEC 61000-4-2	$\pm 8\text{ kV}$ contact $\pm 2\text{ kV}$, $\pm 4\text{ kV}$, $\pm 8\text{ kV}$, $\pm 15\text{ kV}$ air	$\pm 8\text{ kV}$ contact $\pm 2\text{ kV}$, $\pm 4\text{ kV}$, $\pm 8\text{ kV}$, $\pm 15\text{ kV}$ air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	$\pm 2\text{ kV}$ for power supply lines	$\pm 2\text{ kV}$ for power supply lines	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	$\pm 0.5\text{ kV}$, $\pm 1\text{ kV}$ line to line	$\pm 0.5\text{ kV}$, $\pm 1\text{ kV}$ line to line	Mains power quality should be that of a typical commercial or hospital environment.
Voltage dips, short interruptions and Voltage variations on power supply input lines IEC 61000-4-11	<5 % UT (>95% dip in UT) for 0.5 cycle <5 % UT (>95% dip in UT) for 1 cycle 70% UT (30% dip in UT) for 25/30 cycles <5% UT (>95 % dip in UT) for 5/6 sec	<5 % UT (>95% dip in UT) for 0.5 cycle <5 % UT (>95% dip in UT) for 1 cycle 70% UT (30% dip in UT) for 25/30 cycles <5% UT (>95 % dip in UT) for 5/6 sec	Mains power quality should be that of a typical commercial or hospital environment. If the user of the Compressor Nebulizer requires continued operation during power mains interruptions, it is recommended that the Compressor Nebulizer be powered from an uninterruptible power supply or a battery.
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30A/m	30A/m	Power frequency magnetic fields/ Proximity magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.
Proximity magnetic fields IEC 61000-4-39	CW 8A/m for 30KHz Pulse modulation 2.1KHz, 65A/m for 134.2KHz Pulse modulation 50KHz, 7.5A/m for 13.56MHz	CW 8A/m for 30KHz Pulse modulation 2.1KHz, 65A/m for 134.2KHz Pulse modulation 50KHz, 7.5A/m for 13.56MHz	
NOTE UT is the a.c. mains voltage prior to application of the test level.			

A3.Guidance & Declaration - electromagnetic immunity concerning Conducted RF & Radiated RF

Guidance and manufacture's declaration – electromagnetic immunity			
The Compressor Nebulizer is intended for use in the electromagnetic environment specified below. The customer or the user of the Compressor Nebulizer should assure that they are used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment -guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz 6 Vrms in ISM bands and amateur radio bands	3 Vrms 150 kHz to 80 MHz 6 Vrms in ISM bands and amateur radio bands	Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the Compressor Nebulizer, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.
Radiated RF IEC 61000-4-3	10 V/m 80 kHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communication equipment (Refer to table 9 of IEC 60601-1-2:2014+A1:2020)	10 V/m 80 kHz to 2.7 GHz 385MHz-5785MHz Test specifications for ENCLOSURE PORT IMMUNITY to RF wireless communication equipment (Refer to table 9 of IEC 60601-1-2:2014+A1:2020)	

Please DO NOT return it to the store, but contact us initially for advice and assistance:
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