





Start byiHealth

Compact Compressor Nebulizer Model : NB-218C

### INSTRUCTION MANUAL

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#### INSTRUCTION

Thank you for purchasing the NB-218C Compact Compressor Nebulizer. This product was developed for the successful treatment of asthma, allergies and other respiratory disorders.

The Patient is an intended operator.

Contraindication: None

#### SYMBOLS

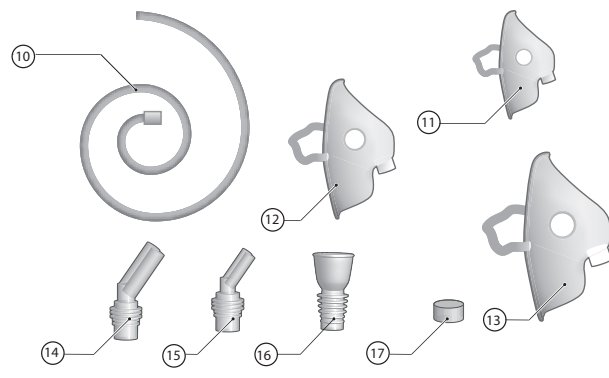
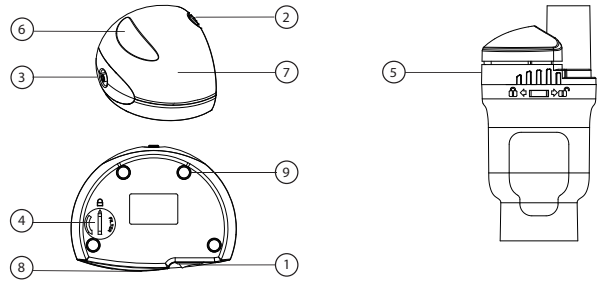
- Manufacturer
Authorized representative in the European Community
Symbol for the marking of electrical and electronics devices according to Directive 2002/96/EC.
Keep dry
CE 0123 CE marking in conformity with EC directive 93/42/EEC
Attention, consult accompanying documents
Type BF Applied Part
Double insulation

#### SAFETY INFORMATION

To assure the correct use of the product, basic safety measures should always be followed including the warnings and cautions listed in this instruction manual.
WARNING
For regime of medication shall follow the instructions of your physician or licensed healthcare practitioner.
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.
Do not use the device where the device may be exposed to flammable gas or vapors.
Do not use only water in the nebulizer for nebulizing purposes.
Always dispose of any remaining medication in the medication tank after each use.

Use fresh medication each time you use the device.
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.
CAUTION
Limit the use of the device to 20 minutes at a time, and wait 40 minutes before using the device again.
Provide dose supervision when this device is used by, on, or near infants, children or compromised individuals.
Do not insert any object into the compressor.
Make sure that the air filter is clean. If the air filter has changed color or has not been used for 60 days, replace the filter.
Make sure that the nebulizer kit is correctly assembled, the air filter is properly installed, and the air tube is correctly connected to the compressor and the nebulizer kit. Air may leak from the air tube during use if not securely connected.
Inspect the compressor (main unit) and the nebulizer parts each time before using the device. Make sure no parts are damaged, the nozzle and air tube are not blocked and the compressor operates normally.
Do not use the device if the air tube is bent.
Do not block the air filter cover.
Do not alter the baffle, the nozzle in the medication tank or any part of the nebulizer kit.
Do not add more than 10ml of medication to the medication tank.
CAUTION
Do not operate the device at temperatures greater than 40°C.
Do not tilt the nebulizer kit so the angle of the kit is greater than 45°.
Medication may flow into the mouth.
Do not shake the nebulizer kit while using the device.
Do not subject the compressor, or any of the components to strong shocks, such as dropping on the floor.
This device is approved for human use only.
Do not disassemble or attempt to repair the device or components.
Use the device only for its intended use as described in the instruction manual. Do not use attachments not recommended by the manufacturer.
Dispose of the device, components and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution.
Make sure that the air tube is securely attached to the compressor (main unit) and nebulizing parts, and does not come loose. Twist the air tube slightly when inserting it into the connectors to avoid the tube disconnecting during use.
RISK OF ELECTRICAL SHOCK
Do not use the compressor (main unit) and the AC adapter while they are wet.
WARNING
Every time before use, please check the adaptor, once damaged, never to use.
Please clean the plug of adapter plug at least once a year. Too much dust on plug may cause the fire.
Do not plug or unplug the power plug into the electrical outlet with wet hands.
Do not immerse the compressor (main unit) in water or other liquid.
Do not spill water or other liquids on the compressor. These parts are not waterproof. If liquid spills on these parts, please unplug the power cord and wipe off the liquid with gauze or other soft absorbent material immediately.
Do not use or store the device in humid locations or outdoors. Use the device within the operating temperature and humidity.
Do not overload power outlets. Plug the device into the appropriate voltage outlet.
Do not use extension cords. Plug the power plug directly into the electrical outlet.
Unplug the power plug from the electrical outlet after using the device. Never leave this product unattended when plugged in.
Unplug the power plug from the electrical outlet

#### MAIN UNIT



- Power switch
Holder for Nebulizer
Air plug
Dust Screen Cover
Nebulizer kit
Legs
Main unit
Thermal foot
Rubber foot
Inhalation tube
Small child mask (Optional)
Child mask (Optional)
Adult mask
Adult nasal-piece (Optional)
Child nasal-piece (Optional)
Inhalation mouthpiece
Air filter x4
SERVICE INFORMATION
The following are maintenance and repair which can be taken by operator, or which must be operated by manufacturer or distributor.
Service and maintenance Responsible
Change the inhalation tube Operator
Change the applied part Operator
Clean the surface of the device Operator
Daily cleaning and disinfecting Operator
All components which need to be repaired or changed by separating the device Authorized service center of distributor or manufacturer
WARNING:
Do not modify this equipment without authorization of the manufacturer
Do not service or maintain the device while in use with the patient
The nebulizer kit and mask, nasal-piece, mouthpiece are applied part.

Use the device with AC power adapter
Use the AC adapter at the power supply
Insert the AC adapter cord into the jack on the back side of the device.
Insert the AC adapter plug into the outlet
To remove AC adapter, disconnect the adapter plug from the AC outlet first and then disconnect the cord from the device's jack.
CAUTION:
To avoid electric shock, use only the exclusive AC adapter that can be purchased from authorized dealers. Other adapter may damage the device. The
DC 12V
e-e-e
AC adapter plug shall insert into the outlet near the operator, to easily disconnect the device from the outlet when an emergency happens. If long time work, remove the plug after the adapter cools, and prevent burns.
Optional AC adapter technical feature:
Output voltage: 12V
Max. output current: 1A

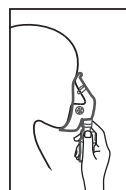
#### PREPARING THE NEBULIZER FOR USE

Cleaning and disinfecting the nebulizer kit and optional masks before using them for the first time after purchase.
If the device has not been used for a long period of time, please clean and disinfects the nebulizer kit and optional masks before using them.
To prevent the risk of cross infection, different persons should never use the same nebulizer kit.
At normal use, place the device on a stable, sturdy and flat surface horizontally, such that the unit can be easily reached when you are seated.
Caution: place the device at least 10cm distance from walls.
Make sure the power switch is in the "off" (0) position.
Insert the power plug into the electrical outlet.
Rotate the inhalation top counterclockwise to remove the inhalation top from the medication tank.
Add the correct amount of prescribed medication to the medication tank.
Turn the inhalation top clockwise until securely closed.
Attach the desired inhalation accessory.

#### USING THE DEVICE

- Take out of the AC adapter connect to the back of the device and switch on the power.
Plug the inhalation tube into the air plug under cover of device.
Plug the other side of tube into the vent port of bottom of nebulizer kit.
Plug the nebulizer kit into the holder on the device.
Add the medicine into the nebulization tank.
Open the 0/1 button.
The device begins to nebulizer.
Press the 0/1 button to safely terminate the operation of nebulizer.
Unplug the power cord from the electrical outlet after using the device.

Using the child mask or the adult mask
Place the mask over the nose and mouth.
Pull the elastic strap over the head.
Gently pull on the strap to securely hold the mask over the nose and mouth.
Inhale the medication.
Exhale normally through the mask.



#### CLEANING AND DISINFECTING

CLEANING
Following the cleaning instructions after each use will prevent any remaining medication in the bottle from drying resulting in the device not nebulizing effectively and will help prevent infections.
WARNING
Wash the nebulizer parts after each use. Dry the parts immediately after washing.
Remove the inhalation accessory (mask or mouthpiece) from the nebulizer kit.
Disconnect the air tubing from the nebulizer.
Gently twist the inhalation top counterclockwise and lift to separate the nebulizer into two sections.
Remove the baffle.
Discard remaining medication in the medication tank.
CAUTION
The nebulizer kit should be replaced every 6 months.
DAILY DISINFECTING
You can disinfect daily by soaking the nebulizer kit and accessory (mask, inhalation mouthpiece or nasal-piece) in medical disinfectant container with this solution.
Completely soak all parts in the disinfectant solution and continue to disinfect according to the time specified in the instructions.
Remove the parts and discard the solution. Rinse the parts with hot tap water.
Hand dry with a soft, clean lint-free cloth or air dry in a clean environment.
Prepare the disinfectant solution according to the instructions and fill the

#### CARING FOR THE DEVICE

Keep your device in the best condition and protect the unit from damage follow these directions:
CHANGE THE AIR FILTER
Change the air filter every 60 days even if the air filter does not appear dirty. If the air filter appears dirty or if water or medication has spilled on the air filter, replace with a new air filter immediately.
Pull the air filter cover to remove from the front side of the compressor.
Remove the dirty filter with hand.

#### STORING THE DEVICE

Put the nebulizer kit and the inhalation accessory (mouthpiece, or mask) in a dry, sealed bag.
Roll the air tubing and place in the storage pocket.
Zipper the bag closed.
Store the device in a safe, clean location. Do not store the device in extreme hot or cold temperature, high humidity or in direct sunlight.
WARNING:
Do not attempt to wash or clean the air filter. Damp air filters can cause blockages. Do not substitute cotton or any other material for the air filter.
CAUTION: Wash the air filter cover regularly to prevent any blockage in the cover. Do not boil. Make sure the cover is dry before inserting the new air filter.
Insert a new air filter into the air filter cover.
CAUTION: Before inserting the new air filter makes sure the air filter is clean and free of dust. Do not operate the device without the air filter.
Put the air filter cover back on the compressor.

#### TROUBLESHOOTING

Table with 3 columns: PROBLEM, CAUSE, SOLUTION. Issues include power on/off, no nebulization, and compressor cover problems.

Table with 3 columns: PROBLEM, CAUSE, SOLUTION. Issues include tilted nebulizer kit, incorrectly attached air tube, and compressor cover problems.

#### WARRANTY OBLIGATIONS

Warranty for this compact compressor nebulizer is 24 months since the date of purchase.
The addresses of organizations for guarantee maintenance are present in the warranty certificate.

#### CLASSIFICATION

Equipment Classification with respect to protection from electric shock: CLASS II Degree of protection from electric shock: TYPE BF Degree of protection against ingress of water is rated as IPX0. Equipment not suitable for use in the presence of flammable anesthetic mixture with air, oxygen or nitrous oxide.
Intermittent operation: 20minutes ON, 40 Minutes OFF.

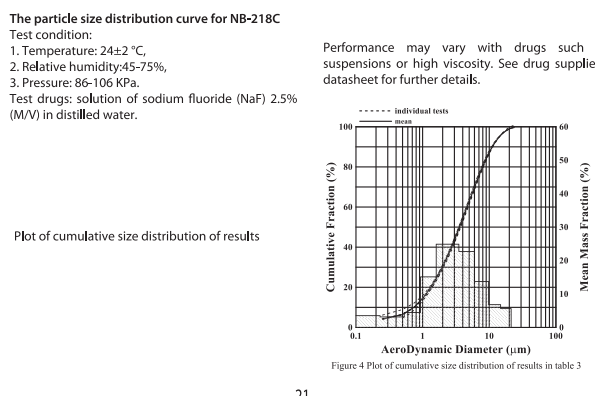
#### PERIODIC SAFETY CHECKS

Preventive inspection and maintenance should be performed.
Every time before use, please check the adapter. Do not use a damaged adapter.
Please clean the plug of adapter at least once a year. Too much dust on plug may cause fire.

#### SPECIFICATIONS

Table with 2 columns: Modelle (NB-218C) and various technical specifications including size, noise level, operation mode, and accessories.

NOTES
Subject to technical modification without prior notice.
Please note that specifications may vary with medication type used.
Do not use the device where it may be exposed to flammable gas.
This unit conforms to EMC Standard IEC60601-1-2. However, if it is used together with other medical devices or electrical equipment, they may influence the operations of one of devices. Please follow any instructions in the manuals and use all devices correctly.
Test condition: Temperature: 20-25°C, relative humidity: 45%-60%, tested drugs: pure water 5ml.
COMPRESSOR NEBULIZER With respect to electric shock, fire and mechanical hazards only in accordance with IEC60601-1.



#### GUIDANCE AND MANUFACTURE'S DECLARATION - electromagnetic emissions- for all EQUIPMENT and SYSTEMS

Table with 3 columns: Emission test, Compliance, Electromagnetic environment - guidance. Details RF emission CISPR 11 and harmonic emission.

Table with 3 columns: Emission test, Compliance, Electromagnetic environment - guidance. Details harmonic emission and voltage fluctuations.

#### QUALITY GUARANTEE

Table with 4 columns: MODEL, Warranty period, Purchasing date, Purchasing shop, Customer. Details warranty terms and contact information.

#### REQUIRING RECORD

Table with 3 columns: DATE, TROUBLE, SERVICE MAN. A log for recording issues and repairs.

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