

## Compressor Nebulizer Model **NE-C801** (NE-C801S-UK(V))

- Instruction Manual
- Mode d'emploi

• كتيب الإرشادات

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## Introduction

Thank you for purchasing the OMRON COMP AIR.

This product was developed in conjunction with respiratory therapists for the successful treatment of asthma, chronic bronchitis, allergies and other respiratory disorders. The compressor forces air to the nebulizer kit. When the air enters the nebulizer kit, it converts the prescribed medication into an aerosol of microscopic droplets that can easily be inhaled.

This is a medical device. Operate the device only as instructed by your doctor and/or respiratory therapist.

## Intended use

Medical Purpose	This product is intended to be used for inhaling medication for respiratory disorders.														
Intended User	<ul style="list-style-type: none"><li>• Legally certified medical experts, such as doctor, nurse and therapist, or healthcare personnel or patient under the guidance of qualified medical experts.</li><li>• Caregiver or patient under the guidance of qualified medical experts for home treatment.</li><li>• The user should also be capable of understanding general operation of NE-C801 and the content of instruction manual.</li></ul>														
Intended Patients	This product should not be used on patients, who are unconscious or are not breathing spontaneously.														
Environment	This product is intended for use in a medical facility, such as Hospital, clinic and doctor's office, and in a room of general household.														
Durable period	<p>Durable periods are as follows, provided the product is used to nebulize 2 ml of medication 2 times a day for 6 minutes each time at room temperature (23°C).</p> <p>Durable period may vary depending on usage environment. Frequent use of the product may shorten the durable period.</p> <table><tr><td>Compressor (Main unit)</td><td>5 years</td></tr><tr><td>Nebulizer Kit (Cap, Inhalation Top, Vaporizer Head, Medication Tank)</td><td>1 year</td></tr><tr><td>Mouthpiece</td><td>1 year</td></tr><tr><td>Nosepiece</td><td>1 year</td></tr><tr><td>Air Tube (PVC, 100cm)/(Silicone, 100cm)</td><td>1 year</td></tr><tr><td>Air Filter</td><td>60 days</td></tr><tr><td>Mask (PVC)/(SEBS)</td><td>1 year</td></tr></table>	Compressor (Main unit)	5 years	Nebulizer Kit (Cap, Inhalation Top, Vaporizer Head, Medication Tank)	1 year	Mouthpiece	1 year	Nosepiece	1 year	Air Tube (PVC, 100cm)/(Silicone, 100cm)	1 year	Air Filter	60 days	Mask (PVC)/(SEBS)	1 year
Compressor (Main unit)	5 years														
Nebulizer Kit (Cap, Inhalation Top, Vaporizer Head, Medication Tank)	1 year														
Mouthpiece	1 year														
Nosepiece	1 year														
Air Tube (PVC, 100cm)/(Silicone, 100cm)	1 year														
Air Filter	60 days														
Mask (PVC)/(SEBS)	1 year														
Precautions for use	Warnings and cautions described in the instruction manual should be observed.														

## Important safety instructions

Read all the information in the instruction manual and any other literature included in the box before using the device.

When using an electrical product, especially when children are present, basic safety precautions should always be followed including the following:

### **⚠ Warning:**

Indicates a potentially hazardous situation which, if not avoided, could result in serious injury.

### **(Usage)**

- For type, dose, and regime of medication follow the instructions of your doctor or respiratory therapist.
- If you experience any allergic reactions or other difficulties during use, stop using the device immediately and consult your doctor.
- Do not use only water in the nebulizer, for inhaling purposes.
- Keep the device out of the reach of unsupervised infants and children. The device may contain small pieces that can be swallowed.
- Do not store the air tube while there is moisture or medication remaining inside it.
- Do not use or store the device where it may be exposed to noxious fumes or volatile substances.
- Do not use the device where it may be exposed to flammable gas.
- Do not cover the compressor with a blanket, towel, or any other type of cover during use.
- Make sure that the nebulizer kit is clean before use.
- Always dispose of any remaining medication after use, and use fresh medication each time.
- Do not use in anaesthetic or ventilator breathing circuits.
- Store the parts in a clean location to avoid infection.

### **(Risk of electrical shock)**

- Do not use the compressor or AC adapter while they are wet, or connect them to a power outlet or other devices with wet hands.
- The compressor and AC adapter are not waterproof. Do not spill water, or other liquids, on these parts. If liquid does spill on these parts, immediately unplug the AC adapter and wipe off the liquid with gauze or other absorbent material.
- Do not immerse the compressor in water or other liquid.
- Do not use or store the device in humid locations, such as a bathroom.
- Use only original OMRON AC adapter. Use of unsupported AC adapter may damage the device.
- Do not operate the device with a damaged power cord or plug.
- Keep the power cord away from heated surfaces.
- Read and follow the “Important information regarding Electromagnetic Compatibility (EMC)” (page 28) in the Technical Data Section.

**(Cleaning and disinfecting)**

Observe the rules below when cleaning or disinfecting parts. Failure to observe these rules may result in damage, inefficient nebulization or infection. For the instructions, refer to “5. Cleaning and disinfecting” section.

- Clean and disinfect the nebulizer kit, mask, mouthpiece or nosepiece before using them when as follows:
  - the first time after purchase.
  - if the device has not been used for a long period of time
  - if more than one person uses the same device
- Be sure to wash or wipe the parts after use, and ensure that they are thoroughly disinfected and dried, and stored in a clean location.
- Do not leave the cleaning solution to dry on the parts.

**⚠ Caution:**

Indicates a potentially hazardous situation which if not avoided, may result in minor or moderate injury, or physical damage.

**(Usage)**

- In order to prevent strangulation by the power cord or air tube, or injuries caused by mishandling, please provide close supervision when this device is used by, on, or near children or invalids.
- Make sure that the parts are attached correctly.
- Make sure that the vaporizer head is correctly installed before use.
- Make sure that the air filter is correctly attached.
- Make sure that the air filter is clean. If the air filter has been used for more than 60 days, replace it with a new one.
- Do not spill liquid or medication on the compressor.
- Do not tilt the nebulizer kit at an angle of greater than 45 degrees in all directions, or shake it while in use.
- Do not use or store the device while the air tube is creased.
- Use only original nebulizing parts, air tube, air filter and air filter cover.
- Do not add more than 7 ml of medication to the medication tank.
- Do not carry or leave the nebulizer kit while the medication tank contains medication.
- While using this device make sure that no mobile phone or any other electrical devices that emit electromagnetic fields is within 30 cm. This may result in degradation of performance of the device.
- Do not leave the device unattended with infants or persons who cannot express their consent.
- Do not subject the device or the parts to any strong shocks such as dropping on the floor.
- Do not distort the vaporizer head, or jab the nozzle of the medication tank with a pin or any sharp object.
- Do not insert fingers or objects inside the compressor.

- Do not disassemble or attempt to repair the compressor or AC adapter.
- Do not leave the device or its parts where it will be exposed to extreme temperatures or changes in humidity, such as in a vehicle during the summer, or where it will be exposed to direct sunlight.
- Do not block the air filter cover.
- Do not use the device while sleeping or if drowsy.
- To avoid injury to the nose mucosa, do not squeeze the nosepiece into the back of the nose.
- Do not block the slit between the cap and the inhalation air inlet.
- Approved for human use only.
- If the device is used continuously, the service life of the device may be shortened.
- Limit use to 20 minutes at a time, and allow a 40 minute interval before using the device again.
- When using the device, the main unit may become hot.
- Do not touch the main unit for other than necessary operation such as turning off the power while nebulizing.
- To avoid the medication remains on the face, be sure to wipe the face after removing the Mask.
- Do not use a damaged nebulizer kit, mouthpiece or nosepiece.

### ***(Risk of electrical shock)***

- Always unplug the AC adapter from the power outlet after use and before cleaning.
- Plug the device into the appropriate voltage outlet. Do not overload power outlets or use extension cords.
- Always remove the AC adapter from the device after use and before cleaning.
- Do not misuse the cord of the AC adapter.
- Do not wind the cord of the AC adapter around the compressor or AC adapter.
- Changes or modifications not approved by OMRON HEALTHCARE will void the user warranty.
- Do not pull the power cord of AC adapter strongly.

### ***(Cleaning and disinfecting)***

Observe the rules below when cleaning or disinfecting parts. Failure to observe these rules may result in damage, inefficient nebulization or infection. For the instructions, refer to “5. Cleaning and disinfecting” section.

- Do not use a microwave oven, dish dryer or hair dryer to dry the device or the parts.
- Do not use an autoclave, EOG gas sterilizer or low temperature plasma sterilizer.
- When disinfecting parts by boiling, make sure that the container does not boil dry. Otherwise it may also result in a fire.

### **General Safety Precautions:**

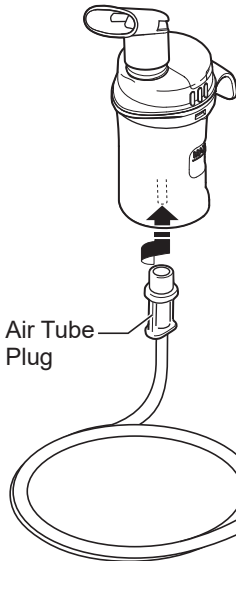
- Inspect the device and parts before using them each time, and check that there are no problems. In particular, be sure to check the following:
  - That the vaporizer head, nozzle or air tube are not damaged.
  - That the nozzle is not blocked.

- That the compressor operates normally.
- 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 kit. This is normal and does not indicate a malfunction.
- Operate the device only as intended. Do not use the device for any other purpose.
- Do not use the device at temperatures greater than +40°C.
- Make sure that the air tube is securely attached to the compressor and nebulizer kit, and does not come loose. Twist the air tube plug slightly when inserting it into the air tube connectors to avoid the air tube disconnecting during use.
- The AC adapter is provided so that the device can be completely isolated from the power source. To completely isolate the device from the power source unplug the plug from the power source.
- Read and follow the “Correct Disposal of This Product” (page 28) when disposing of the device and any used accessories or optional parts.

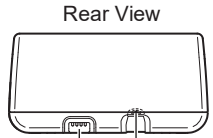
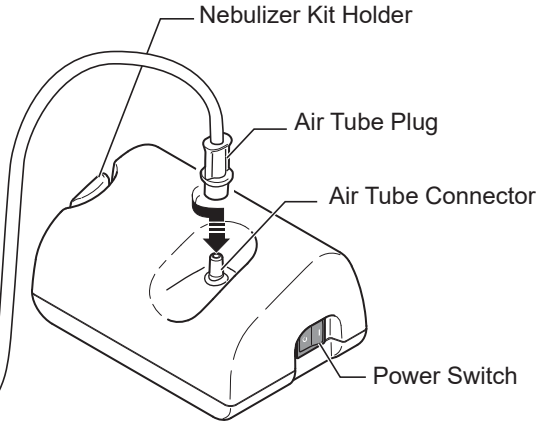
**Keep these instructions for future reference.**

# 1. Know your unit

## Nebulizer Kit

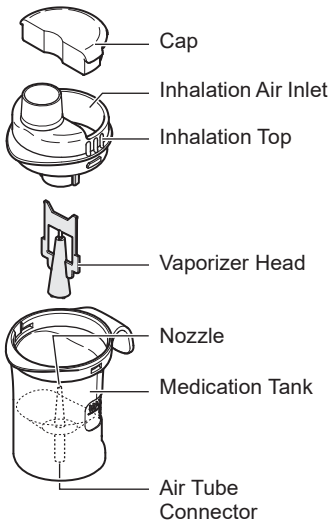


## Compressor (Main Unit)

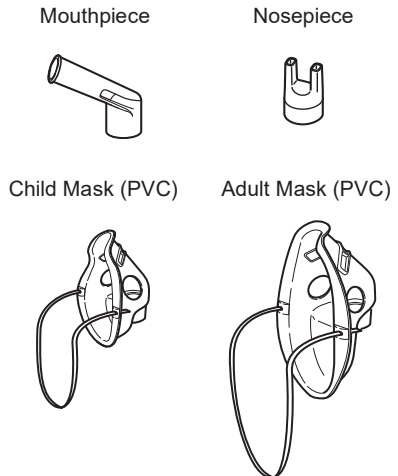


Rear View  
Air Filter Cover  
\*Air filter inside  
Power Connector

## Nebulizer Kit



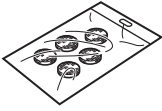
## Inhalation Attachments





## Other included items

Spare Air Filters × 5



AC adapter

Instruction Manual

Storage Bag

Warranty card

## 2. Guide to using the device

### Preparing the Nebulizer for Use - Section 3 (page 11-14)

#### ⚠ Warning:

Clean and disinfect the nebulizer kit, mask, mouthpiece or nosepiece before using them when as follows:

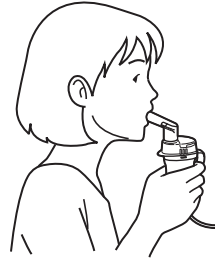
- the first time after purchase.
- if the device has not been used for a long period of time
- if more than one person uses the same device



### Taking Medication - Section 4 (page 15-17)

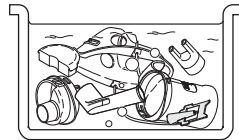
#### ⚠ Caution:

- Do not tilt the nebulizer kit at an angle of greater than 45 degrees in all directions.
- Do not crease or fold the air tube.



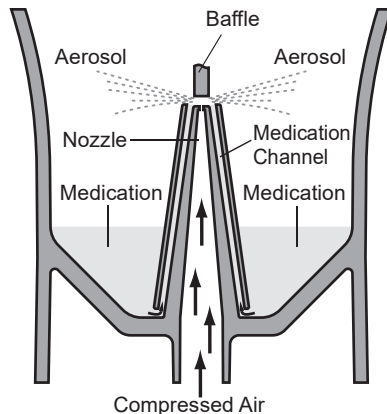
### Cleaning and disinfecting - Section 5 (page 18-20)

**Note:** Failure to clean the nebulizing parts after use may lead to infection.



### How the nebulizer kit works

The medication that is pumped up through the medication channel is mixed with compressed air which is generated by a compressor pump. The compressed air mixed with medication is turned into fine particles and sprayed by being impacted to the baffle.



### 3. Preparing the nebulizer for use

#### **⚠ Warning:**

Clean and disinfect the nebulizer kit, mask, mouthpiece or nosepiece before using them when as follows:

- the first time after purchase.
- if the device has not been used for a long period of time
- if more than one person uses the same device

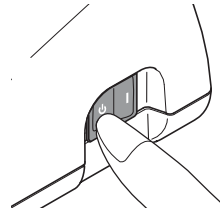
For directions on cleaning and disinfecting refer to Section 5 (page 18-20).

**Note:** Make sure that the air filter is changed regularly. Refer to Section 8 “Changing the air filter” (page 23).

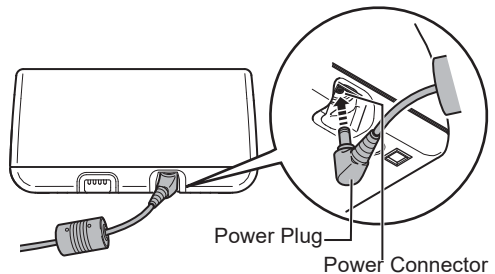
#### 3.1 Connecting AC adapter

1. Make sure that the power switch is turned off.

Check that the power switch is in the off (⏻) position.



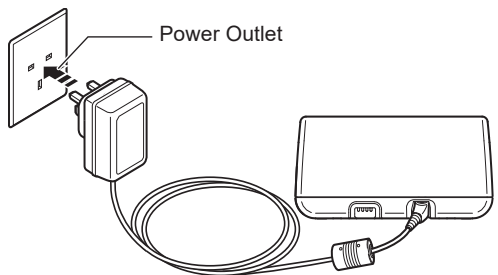
2. Inserting the power plug of the AC adapter into the power connector on the compressor.



3. Plug the AC adapter into a power outlet.

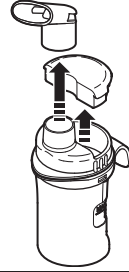
#### **Notes:**

- When disconnecting the AC adapter, unplug the AC adapter from the power outlet before removing the power connector on the compressor.
- Do not place the device in a location where it is difficult to disconnect the power cord.



## 3.2 Adding medication and assembling the parts

1. Remove the mouthpiece and cap from the nebulizer kit.



2. Remove the inhalation top together with vaporizer head from the medication tank.

- 1) Rotate the inhalation top anti-clockwise.
- 2) Lift the inhalation top out of the medication tank.



3. Add the correct amount of prescribed medication to the medication tank.

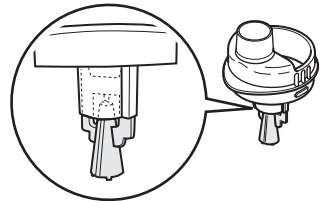
**⚠ Caution:**

**The capacity of the medication tank is 2 to 7 ml.**

**Note:** Scales on the nebulizer kit are for reference only. The scale on the outside of the tank is with no vaporizer head in place. Please use the scale on your syringe or vial for accurate measurement of medication.

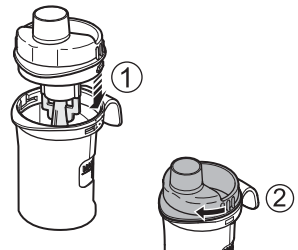


4. Make sure that the vaporizer head is securely attached to the inhalation top.



5. Put the inhalation top back inside the medication tank.

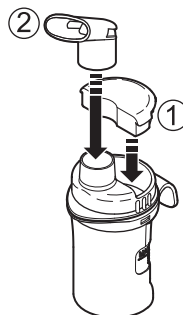
- 1) Align the protrusion on the inhalation top with the indent on the medication tank, as shown.
- 2) Rotate the inhalation top clockwise and align with the medication tank until they click in place.



6. Attach the desired inhalation attachment, as described below.

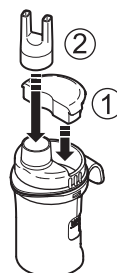
#### ***Attaching the mouthpiece***

- 1) Attach the cap to the inhalation air inlet.
- 2) Attach the mouthpiece to the inhalation top.



#### ***Attaching the nosepiece***

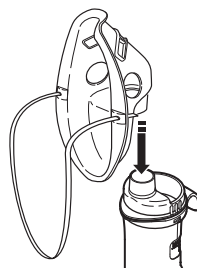
- 1) Attach the cap to the inhalation air inlet.
- 2) Attach the nosepiece to the inhalation top.



#### ***Attaching the adult mask (PVC)***

Attach the adult mask to the inhalation top.

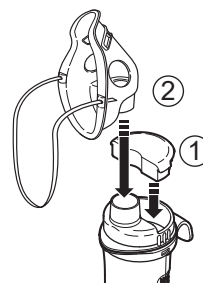
**Note:** If the amount of aerosol is too great, attach the cap.



#### ***Attaching the child mask (PVC)***

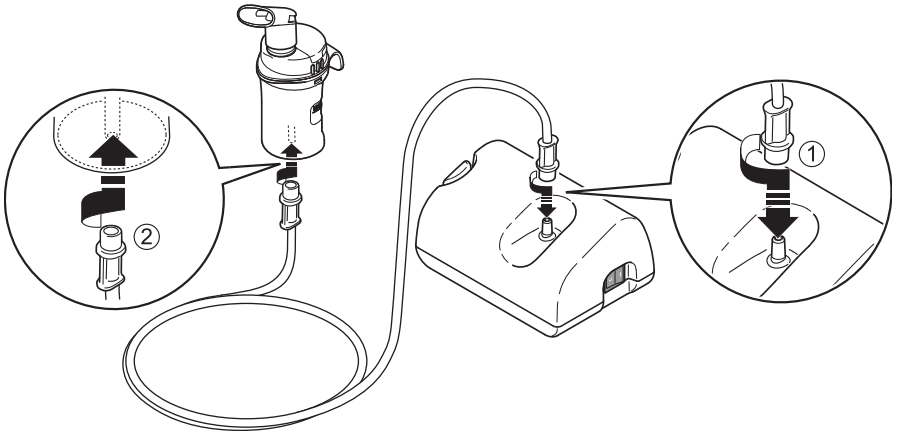
- 1) Attach the cap to the inhalation air inlet.
- 2) Attach the child mask to the inhalation top.

**Note:** If the amount of aerosol is too small, it is not necessary to place the cap.



7. Attach the air tube.

- 1) Twist the air tube plug slightly and push it firmly into the air tube connector on the compressor.
- 2) Twist the air tube plug slightly and push it firmly into the air tube connector on the medication tank.

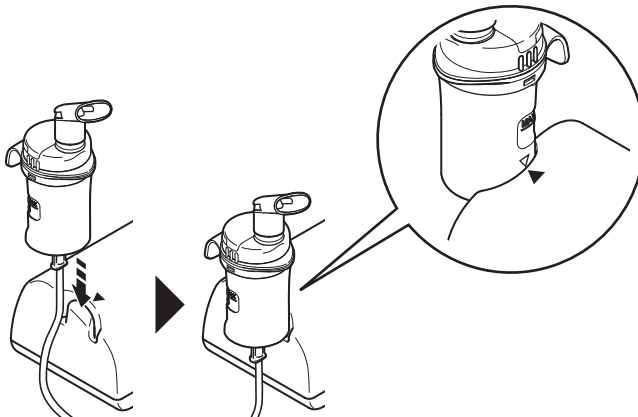


**Notes:**

- Make sure that the air tube is securely attached to the compressor and nebulizer kit, and does not come loose. Twist the air tube plug slightly when inserting it into the air tube connectors to avoid the air tube disconnecting during use.
- Take care not to spill the medication when attaching the air tube. Keep the nebulizer kit upright.

- 3) Use the nebulizer kit holder as a temporary holder for the nebulizer kit.

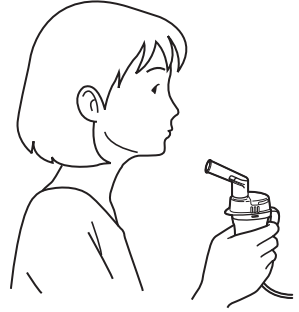
**Note:** Align the mark on the unit with the mark on the nebulizer kit as shown.



## 4. Taking medication

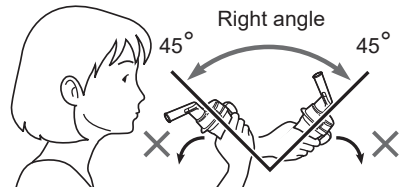
1. Hold the nebulizer kit as indicated on the right.

Follow the instructions of your doctor or respiratory therapist.



**⚠ Caution:**

**Do not tilt the nebulizer kit at an angle of greater than 45 degrees in all directions. Medication may flow into the mouth or it may result in not nebulizing effectively.**

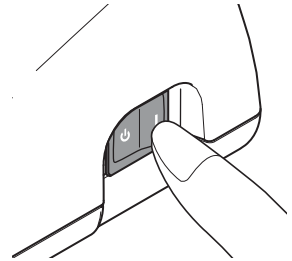


2. Press the power switch to the on ( I ) position.  
The compressor starts and nebulization starts.

**Note:** Observe whether aerosol is generated.

**To stop nebulization**

Press the power switch to the off ( ⏻ ) position.



**⚠ Warning:**

**Do not cover the compressor with a blanket or towel, or any other type of cover during use.**

**⚠ Caution:**

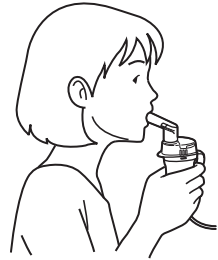
- Do not block the air filter cover.
- Limit use to 20 minutes at a time, and allow a 40 minute interval before using the device again.
- When using the device, the main unit may become hot.
- Do not touch the main unit for other than necessary operation such as turning off the power while nebulizing.

**Note:** Do not leave the compressor on for a long period of time. This could result in the compressor overheating or malfunctioning.

- 3.** Inhale medication according to your doctor's and/or health care adviser's instructions.  
Prepare the inhalation attachment according to Section 3 (page 13).

***Using the mouthpiece***

Insert the mouthpiece into your mouth and inhale the medication breathing normally. Exhale as normal through the mouthpiece.



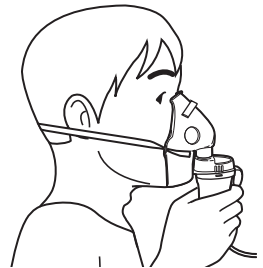
***Using the nosepiece***

Inhale the medication through the nosepiece, as shown and exhale through the mouth.



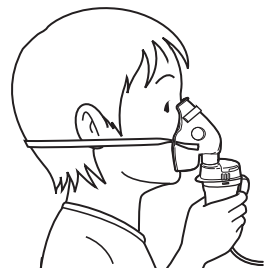
***Using the adult mask (PVC)***

Attach the mask so that it covers your nose and mouth and inhale the medication. Exhale through the mask.



***Using the child mask (PVC)***

Attach the mask so that it covers your nose and mouth and inhale the medication. Exhale through the mask.

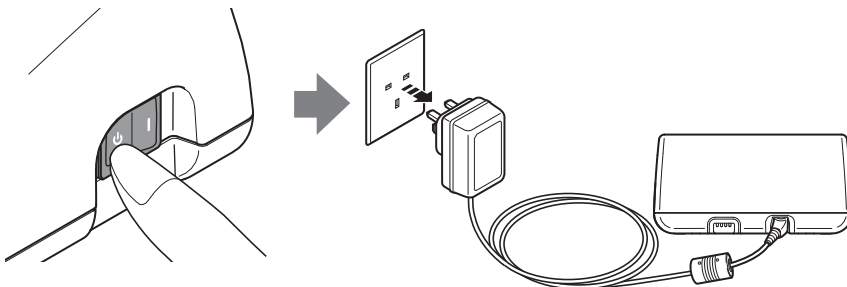




4. When treatment is complete, turn the power off. Check that there is no condensation or moisture in the air tube. Unplug the AC adapter from the power outlet and disconnect it from the compressor.

**Note:** Securely hold and press the power plug down to disconnect the AC adapter.

**⚠ Caution:**  
**Do not pull the power cord.**  
**Damage may be caused.**



**⚠ Warning:**  
**Condensation may occur in the air tube. Do not store the air tube while it contains condensation or moisture. This could result in infection via bacteria.**

If there is moisture or liquid remaining in the air tube, be sure to follow the procedure below to remove any moisture from within the air tube.

- 1) Make sure that the air tube is still connected to the air connector on the compressor.
- 2) Unplug the air tube from the nebulizer kit.
- 3) Turn on the compressor and pump air through the air tube to expel the moisture.

## 5. Cleaning and disinfecting

### 5.1 Cleaning

Clean the parts after each use to remove residual medication. This will avoid inefficient nebulization or infection.

#### ■ Washable parts

- **Nebulizer Kit (Inhalation top, Medication tank), Mask (PVC)/(SEBS), Mouthpiece, Nosepiece, Air Tube (Silicone)**

Wash them in warm water and mild detergent (neutral detergent). Rinse them thoroughly with clean hot tap water and allow to air dry in a clean place.

- **Vaporizer Head**

Wash it with running water.

#### ■ Non-washable parts

- **Compressor, Air Tube (PVC)**

Firstly, make sure that the power plug is unplugged from the power outlet. Wipe clean with a soft cloth moistened with water or mild detergent (neutral detergent).

- **Air Filter**

Do not wash or clean the air filter. If the air filter becomes wet, replace it. Damp air filters can cause blockages.

## 5.2 Disinfecting the nebulizing parts

Always disinfect the parts after the last treatment of the day. If the parts are heavily stained, replace them with new ones.

To select a method for disinfection, refer to the table on page 20.

### **⚠ Caution:**

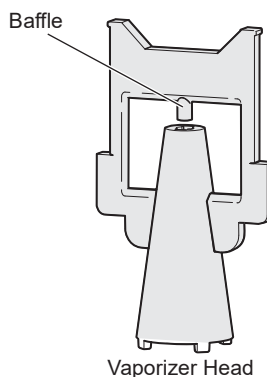
**Do not use an autoclave, EOG gas sterilizer or low temperature plasma sterilizer.**

### **Handling the Vaporizer Head**

The vaporizer head is an important part that is used to vaporize medication. Be sure to observe the following precautions when handling it.

#### **Notes:**

- **Always wash the vaporizer head after each use.**
- **Do not use a brush or pin etc., to clean the parts.**
- **When disinfecting the parts by boiling, be sure to boil them in plenty of water.**
- **Do not boil vaporizer head together with other objects, other than applicable nebulizer accessories.**
- **Do not use a microwave oven, dish dryer or hair dryer to dry parts.**



## 5. Cleaning and disinfecting

○: applicable X: not applicable

Disinfecting method	Parts	Mouthpiece	Nosepiece	Nebulizer Kit	Adult Mask (SEBS) (optional) Child Mask (SEBS) (optional)	Air Tube (Silicone, 100cm) (optional)	Adult Mask (PVC) Child Mask (PVC)	Air Tube (PVC, 100cm)	Air Filter
	Materials	PP	PP	PP (Vaporizer Head: PC)	Mask: SEBS Band: Rubber*** Adapter: PP	Tube: Silicone Connector: PP	Mask: PVC (Phthalate free) Band: Rubber***	PVC (Phthalate free)	Polyester
A	Alcohol								
	Disinfecting ethanol	○	○	○	○**	○	○**	X	X
	Sodium hypochlorite								
	Milton* (0.1%, 15min.)	○	○	○	○**	○	○**	X	X
B	Boiling	○	○	○	○**	○	X	X	X

\* An example of commercially available disinfectant. (The concentration and residence time specified in the table are under the conditions where the service life of the parts is tested with each disinfectant used as described in its instruction manual. Please note that the testing was not performed for the purpose of ensuring the effectiveness of the disinfectants. There is no intention of suggesting that such disinfectants be used. Conditions of use and ingredients of disinfectant vary for manufacturers.)

Please read the instruction manuals carefully before use and apply disinfectant to each part in an appropriate way. Please notice that service life of the parts may be shorter depending on conditions, environments and frequency of use.)

\*\*Remove the rubber band from mask before disinfecting.

\*\*\*The band is not made with natural rubber latex.



**A.** Use a commercially available disinfectant. Follow the instructions provided by the disinfectant manufacturer.

**Note:** Never clean with benzene, thinner or a flammable chemical.

**B.** Parts may be boiled between 15 to 20 minutes.

After boiling, carefully remove the parts, shake off excess water and allow to air dry in a clean environment.



## 6. Maintenance and storage

To keep your device in the best condition and protect the device from damage follow these directions:

### **⚠ Caution:**

- Do not leave the device unattended with infants or persons who cannot express their consent.
- Do not subject the device or the parts to any strong shocks such as dropping the device on the floor.
- Do not carry or leave the nebulizer kit while the medication tank contains medication.

### **Notes:**

- Do not store the device in extreme hot or cold temperatures, high humidity or under direct sunlight.
- Do not crease or fold the air tube.
- Dispose of the device and any used accessories or optional parts according to applicable local regulations.
- Never clean with benzene, thinner or a flammable chemical.
- Nebulizer kit should be replaced after using for one year.



## 7. Removing condensation from the air tube

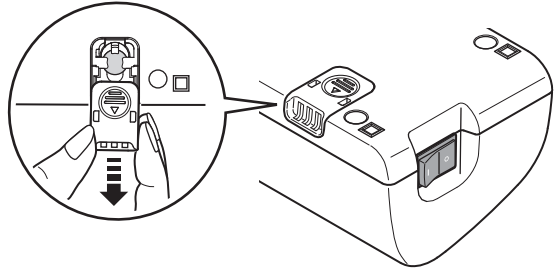
If there is moisture or liquid remaining in the air tube, be sure to follow the procedure below to remove any moisture from within the air tube.

1. Make sure that the air tube is connected to the air connector on the compressor.
2. Remove the air tube from the nebulizer kit.
3. Turn on the compressor and pump air through the air tube to expel the moisture.

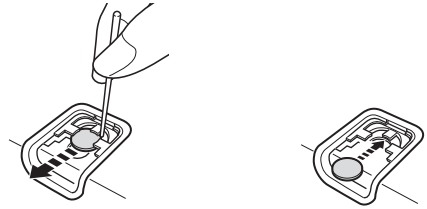
## 8. Changing the air filter

If the air filter has been used for more than 60 days, replace it with a new one.

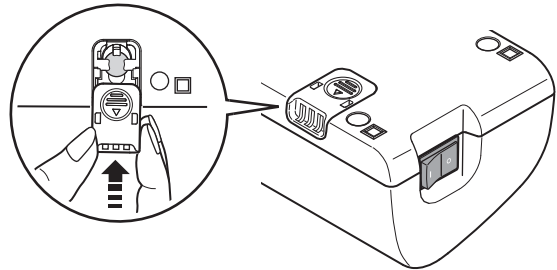
1. Pull the air filter cover off the compressor.



2. Change the air filter.



3. Put the air filter cover back in place.  
Make sure it is attached properly.



### Notes:

- Use only OMRON air filters designed for this device. Do not operate without a filter.
- There is no front or back orientation for the air filters.
- Check that air filters are clean and free of dust before inserting them.
- Do not wash or clean the filter. If the air filter becomes wet, replace it. Damp air filters can cause blockages.
- Please contact your OMRON dealer for additional air filters, or if the parts supplied with the device are damaged or missing.

## 9. Troubleshooting

In case of any of the below problems occur during use, first check that no other electrical device is within 30 cm. If the problem persists, please refer to the table below.

Problem	Cause	Remedy
Nothing happens when the power switch is pressed.	Is the AC adapter connected correctly to the an electrical outlet and the compressor?	Check that the plug is inserted in an electrical outlet. Unplug then reinsert the plug if necessary.
No nebulization or low nebulization rate, when the power is on.	Is there medication in the medication tank?	Add the correct amount of medication to the medication tank.
	Is there too much/little medication in the medication tank?	
	Is the vaporizer head missing and not assembled correctly?	Attach the vaporizer head correctly.
	Is the nebulizer kit assembled correctly?	Assemble the nebulizer kit correctly.
	Is the nozzle blocked?	Make sure that the nozzle is free of blockages.
	Is the nebulizer kit tilted at a sharp angle?	Make sure that the nebulizer kit is not tilted at an angle of more than 45 degrees.
	Is the air tube connected correctly?	Make sure that the air tube is correctly connected to the compressor and nebulizer kit.
	Is the air tube folded or damaged?	Make sure that the air tube does not contain kinks.
	Is the air tube blocked?	Make sure that the air tube is free of blockages.
Is the air filter dirty?	Replace the air filter with a new one.	
The device is abnormally loud.	Is the air filter cover attached correctly?	Attach the air filter cover correctly.
The device is very hot.	Is the compressor covered?	Do not cover the compressor with any type of cover during use.
	Is the device operating continuously over 20 minutes?	Limit use to 20 minutes at a time, and allow a 40 minute interval before using the device again.

**Note:** If the suggested remedy does not solve the problem, do not try to repair the device - no parts of the unit are user serviceable.  
Return the unit to an authorized OMRON retail outlet or distributor.



## 10. Technical data








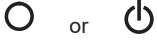
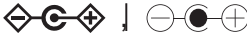
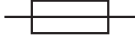







<b>Product Category:</b>	Nebulizers
<b>Product description:</b>	Compressor Nebulizer
<b>Model (code):</b>	NE-C801 (NE-C801S-UK(V))
<b>Rating (AC adapter):</b>	100 - 240V ~ 350mA, 50/60Hz
<b>Rating (Compressor Nebulizer):</b>	12V $\pm$ 0.8A
<b>Operating Condition:</b>	Intermittent operation 20min. ON / 40min. OFF
<b>Operating Temperature/ Humidity/Air pressure:</b>	+10°C to +40°C / 30% to 85% RH (non-condensing) / 700 to 1060 hPa
<b>Storage Temperature/ Humidity/Air Pressure:</b>	-20°C to +60°C / 10% to 95% RH (non-condensing) / 700 to 1060 hPa
<b>Weight:</b>	Approx. 290g (compressor only)
<b>Dimensions:</b>	Approx. 142 (W) × 72 (H) × 98 (D) mm (compressor only)
<b>Contents:</b>	Compressor, Nebulizer Kit, Air Tube (PVC, 100cm), 5 pcs Spare Air Filters, Mouthpiece, Adult Mask (PVC), Child Mask (PVC), Nosepiece, AC adapter, Storage Bag, Instruction Manual, Warranty Card.
<b>Classification:</b>	Class II (Protection against electric shock); Type BF (Applied part): Mouthpiece, Mask, Nosepiece; IP21 (Ingress Protection)

# CE0197

### Notes:

- Subject to technical modification without prior notice.
- This OMRON product is produced under the strict quality system of OMRON HEALTHCARE Co., Ltd., Japan.
- The device may not work if the temperature and voltage conditions are different to those defined in the specifications.
- If the device is stored at the maximum or minimum storage and transport temperature and is moved to an environment with a temperature of 20°C, we recommend waiting for approximately 2 hours before using the device.
- Do not use the device where it may be exposed to flammable gas.
- This device fulfils the provisions of the European Standard EN13544-1:2007+A1:2009, Respiratory therapy equipment - Part1: Nebulizing systems and their components.
- IP classification is degrees of protection provided by enclosures in accordance with IEC 60529. The compressor and the AC adapter are protected against solid foreign objects of 12.5 mm diameter and greater such as a finger, and against vertically falling water drops which may cause issues during a normal operation.
- Please report to the manufacturer and the competent authority of the Member State in which you are established about any serious incident that has occurred in relation to this device.

## 10. Technical data

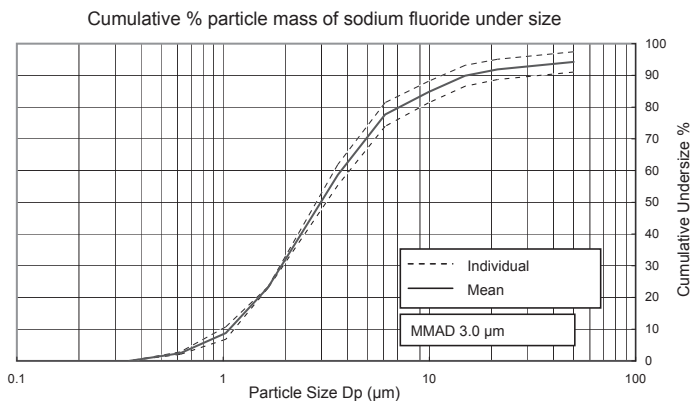
<b>Symbols description</b>	
	Need for the user to consult the instructions for use
	Applied part - Type BF Degree of protection against electric shock (leakage current)
	Class II Protection against electric shock
<b>IP XX</b>	Ingress protection degree provided by IEC 60529
<b>CE</b>	CE Marking
<b>SN</b>	Serial number
<b>LOT</b>	LOT number
<b>MD</b>	Medical device
	Date of manufacture
	Temperature limitation
	Humidity limitation
	Atmospheric pressure limitation
	Power OFF or Stand-by
	Power ON
	Indication of connector polarity
	Fuse
	For indoor use only
	Alternating current
	Direct current
	Certified by TÜV
	Efficiency Level of power supply
	The company logo of AC adapter supplier
	The company logo of AC adapter supplier

Symbols description	
COMP <b>A-I-R</b> <sup>™</sup>	Trademark of OMRON compressor nebulizers (COMP A-I-R, COMP A-I-R basic, COMP A-I-R Elite, COMP A-I-R Pro)
MICRO <b>A-I-R</b> <sup>™</sup>	Trademark of OMRON mesh nebulizers
ULTRA <b>A-I-R</b> <sup>™</sup>	Trademark of OMRON ultrasonic nebulizers

### Technical data for the OMRON NE-C801 Compressor with the OMRON V.V.T. (Virtual Valve Technology) Nebulizer kit:

<b>Particle Size:</b>	**MMAD Approx. 3 $\mu\text{m}$ MMAD = Mass Median Aerodynamic Diameter
<b>Medication Tank Capacity:</b>	7ml maximum
<b>Appropriate Medication Quantities:</b>	2ml minimum - 7ml maximum
<b>Sound:</b>	*Noise level (at 1 m distance) 46 dB
<b>Nebulization Rate:</b>	*Approx. 0.3ml/min (by weight loss)
<b>Aerosol Output:</b>	**0.47ml (2ml, 1%NaF)
<b>Aerosol Output Rate:</b>	**0.06ml/min (2ml, 1%NaF)

Result of cascade impactor measurements for particle size\*\*



\* Measured by OMRON HEALTHCARE Co., Ltd.

\*\*Independently measured by Prof. Dr. Hiroshi Takano, Department of Chemical Engineering and Materials Science, Faculty of Science and Engineering, Doshisha University, Kyoto, Japan, according to EN13544-1:2007+A1:2009

#### Notes:

- Performance may vary with drugs such as suspensions or high viscosity. See drug supplier's data sheet for further details.
- See website of OMRON HEALTHCARE EUROPE to update technical information.

URL: [www.omron-healthcare.com](http://www.omron-healthcare.com)

***Important information regarding Electromagnetic Compatibility (EMC)***

NE-C801S-UK(V) manufactured by OMRON HEALTHCARE Co., Ltd. conforms to EN60601-1-2:2015 Electromagnetic Compatibility (EMC) standard.

Further documentation in accordance with this EMC standard is available at OMRON HEALTHCARE EUROPE at the address mentioned in this instruction manual or at [www.omron-healthcare.com](http://www.omron-healthcare.com). Refer to the EMC information for NE-C801S-UK(V) on the website.



***Correct Disposal of This Product  
(Waste Electrical & Electronic Equipment)***

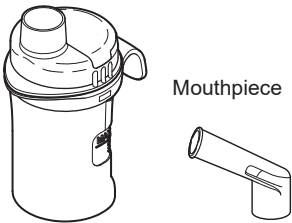

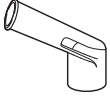
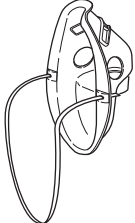
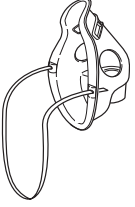
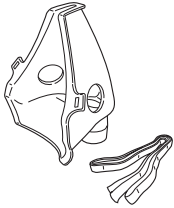
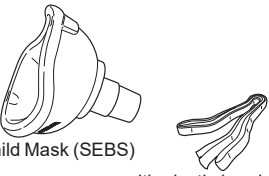

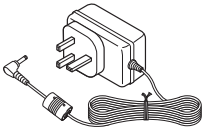
This marking shown on the product or its literature, indicates that it should not be disposed of, with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this product from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can return this item for environmentally safe recycling.

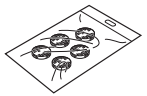
Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial waste for disposal.

# 11. Accessories and replacement parts


## Optional Medical Accessories

<p><b>Omron V.V.T. Nebulizer Kit N-01 Set</b> Model: NEB-NSET3-81E</p>  <p>Mouthpiece</p> <p>Nebulizer Kit No.: N-01</p>	<p><b>Air Tube (PVC, 100cm)</b> Model: NEB-TP-L10E</p> 	<p><b>Mouthpiece</b> Model: NEB-MP-E</p> 
<p><b>Adult Mask (PVC)</b> Model: NEB-MSLP-E</p> 	<p><b>Child Mask (PVC)</b> Model: NEB-MSMP-E</p> 	<p><b>Adult Mask (SEBS)</b> Model: NEB-MSLS-E</p>  <p>with elastic band</p>
<p><b>Child Mask (SEBS) Set</b> Model: NEB-MSSS-E</p>  <p>Child Mask (SEBS) with elastic band</p>  <p>Adapter for Child Mask (SEBS)</p>	<p><b>AC Adapter</b> Model: C30-UK-AC</p> 	

## Other Optional/Replacement Parts

<p><b>Air Filters (x 5)</b> Model: NEB-AFR-30E</p> 
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<b>Manufacturer</b> 	<b>OMRON HEALTHCARE Co., Ltd.</b> 53, Kunotsubo, Terado-cho, Muko, KYOTO, 617-0002 JAPAN		
<b>EU-representative</b> <table border="1" data-bbox="90 304 249 355"> <tr> <td data-bbox="90 304 165 355"><b>EC</b></td> <td data-bbox="165 304 249 355"><b>REP</b></td> </tr> </table>	<b>EC</b>	<b>REP</b>	<b>OMRON HEALTHCARE EUROPE B.V.</b> Scorpius 33, 2132 LR Hoofddorp, THE NETHERLANDS www.omron-healthcare.com
<b>EC</b>	<b>REP</b>		
<b>Importer in EU</b>			
<b>Production facility</b>	<b>OMRON HEALTHCARE MANUFACTURING VIETNAM CO., LTD.</b> No.28 VSIP II, Street 2, Vietnam-Singapore Industrial Park II, Binh Duong Industry-Services-Urban Complex, Hoa Phu Ward, Thu Dau Mot City, Binh Duong Province, Vietnam		
<b>OMRON Subsidiary</b>	<b>OMRON HEALTHCARE UK LTD.</b> Opal Drive, Fox Milne, Milton Keynes, MK15 0DG, UK www.omron-healthcare.com		

Made in Vietnam