

COMP *A-I-R*<sup>™</sup>  
**Compressor Nebuliser**  
**Model NE-C801KD**

- Instruction Manual
- Mode d'emploi
- Gebrauchsanweisung
- Manuale di istruzioni
- Manual de instrucciones
- Gebruiksaanwijzing
- РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ

• كتيب الإرشادات •

EN

FR

DE

IT

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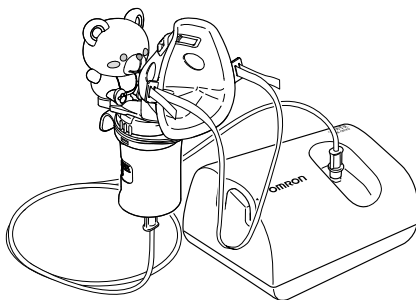
# QUICK MANUAL

Please read entire manual before using the device.

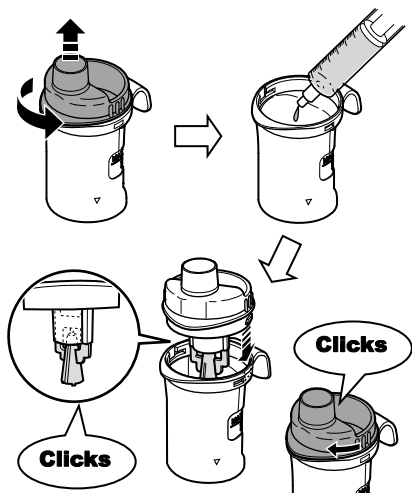
## **Warning:**

Clean and disinfect all the parts before using them.

➔ page 16-18



## 1. Adding medication



Rotate the inhalation top anti-clockwise to remove.

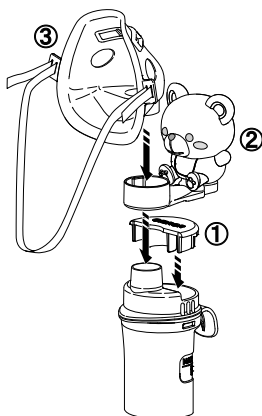
Add the appropriate amount of prescribed medication.

Make sure the vaporiser head is securely attached to the inhalation top.

Put the inhalation top back and rotate it clockwise until they click in place.

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## 2. Assembling kids accessory and mask



Assemble the nebuliser kit as the following order.

[1] Cap

[2] Kids accessory

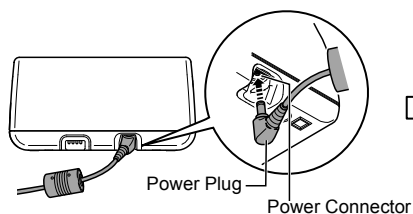
[3] Mask

➔ page 13

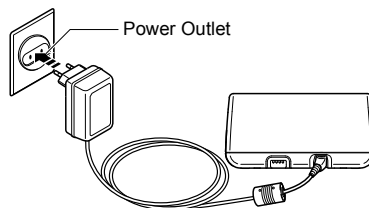
## **Warning:**

Do not let infants and children play with a kids accessory. Kids accessory is not a toy, but a component of nebuliser kit.

### 3. Connecting AC adapter



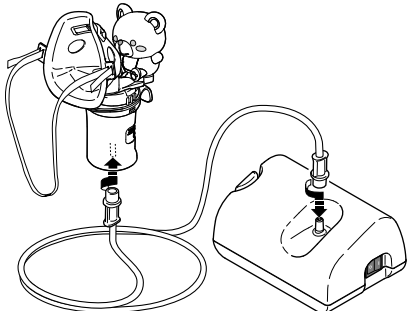
Insert the power plug of AC adapter into the power connector of the main unit.



Plug the AC adapter into the power outlet.

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### 4. Attaching air tube

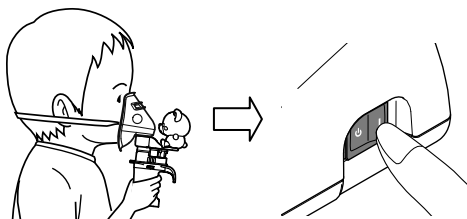


Attach the air tube to the main unit and to the nebuliser kit.

When do so, twist and push it firmly.

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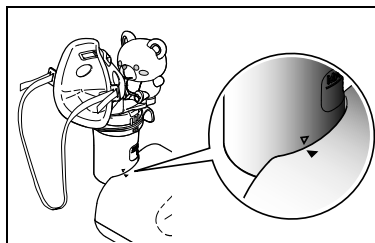
### 5. Applying mask and starting inhalation



Apply the mask securely.

Turn on the power to the main unit.

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Use the nebuliser kit holder to place the nebuliser kit

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## Introduction

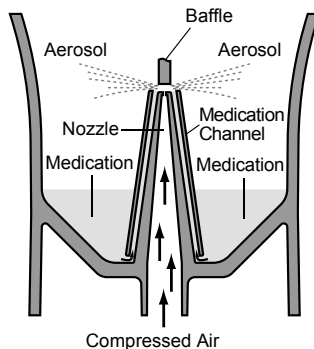
Thank you for purchasing the OMRON COMP AIR.

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 nebuliser kit. When the air enters the nebuliser 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.

NE-C801KD includes the kids accessories to enable children to feel more comfortable while inhaling. It improves compliance with drug treatment.

### How the nebuliser 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.



## 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.</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-C801KD and the content of instruction manual.</li> </ul>																
Intended Patients	This product should not be used by 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 nebulise 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.</p> <table> <tr> <td>Compressor (Main unit)</td><td>5 years</td></tr> <tr> <td>Nebuliser Kit (Cap, Inhalation Top, Vaporiser Head, Medication Tank)</td><td>1 year</td></tr> <tr> <td>Kids Accessory</td><td>1 year</td></tr> <tr> <td>Mouthpiece</td><td>1 year</td></tr> <tr> <td>Air Tube (PVC, 100cm)</td><td>1 year</td></tr> <tr> <td>Air Filter</td><td>60 days</td></tr> <tr> <td>Infant Mask (PVC)</td><td>1 year</td></tr> <tr> <td>Child Mask (PVC)</td><td>1 year</td></tr> </table>	Compressor (Main unit)	5 years	Nebuliser Kit (Cap, Inhalation Top, Vaporiser Head, Medication Tank)	1 year	Kids Accessory	1 year	Mouthpiece	1 year	Air Tube (PVC, 100cm)	1 year	Air Filter	60 days	Infant Mask (PVC)	1 year	Child Mask (PVC)	1 year
Compressor (Main unit)	5 years																
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Air Filter	60 days																
Infant Mask (PVC)	1 year																
Child Mask (PVC)	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 feel anything unusual during use, stop using the device immediately and consult your doctor.
- Do not use only water in the nebuliser, for inhaling purposes.
- Clean and disinfect the nebuliser kit, kids accessory, mask or mouthpiece before using them for the first time after purchase.
- If the device has not been used for a long period of time, or if more than one person uses the same device, clean and disinfect the nebuliser kit, kids accessory, mask or mouthpiece before using them.
- Be sure to wash the parts after use, and ensure that they are thoroughly disinfected and dried, and stored in a clean location.
- Keep the device and kids accessory out of the reach of unsupervised infants and children. The device may contain small pieces that can be swallowed.
- Do not let infants and children play with a kids accessory. Kids accessory is not a toy, but a component of nebuliser kit.
- Do not store the air tube while there is moisture or medication remaining inside it.
- Do not leave the cleaning solution in the nebuliser parts. Rinse them with clean hot tap water after disinfecting.
- 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 nebuliser kit and kids accessory are 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.

### **(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 power cord 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 Electro Magnetic Compatibility (EMC)" (page 24) in the Technical Data Section.

### **Caution:**

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

### **(Usage)**

- 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 vaporiser 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 changed colour, or has been used on average for more than 60 days, replace it with a new one.
- Do not spill liquid or medication on the compressor.
- Do not tilt the nebuliser kit so that it is at an angle of greater than 45° 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 nebulising 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 nebuliser kit while the medication tank contains medication.
- 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 distort the vaporiser 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 power cord.
- 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.
- When disinfecting parts by boiling, make sure that the container does not boil dry.
- Do not use the device while sleeping or if drowsy.
- Do not block the slit between the cap and the inhalation air inlet.
- Do not use a microwave oven, dish dryer or hair dryer to dry the device or the parts.
- 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 nebulising.
- To avoid the medication residue on the face, be sure to wipe the face after removing the Mask.

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***(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.

**General Safety Precautions:**

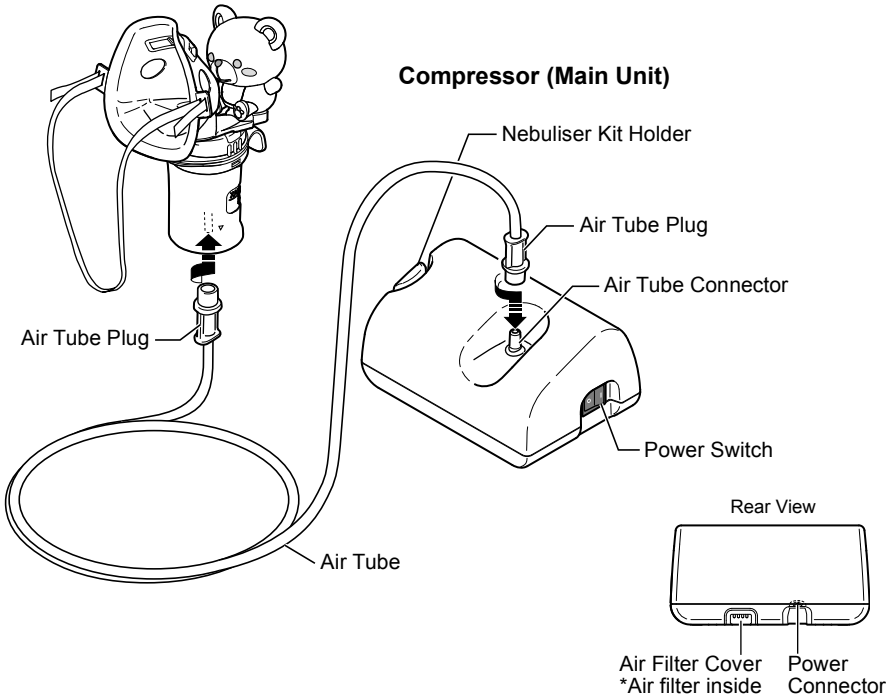
- Inspect the device and parts before using them each time, and check that there are no problems. In particular, be sure to check the following:
  - That the vaporiser head, nozzle, kids accessory or air tube are not damaged.
  - That the nozzle is not blocked.
  - That the compressor operates normally.
- 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 nebuliser 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 nebuliser 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” in the Technical Data Section (page 24) when disposing of the device and any used accessories or optional parts.

**Save these instructions for future reference.**

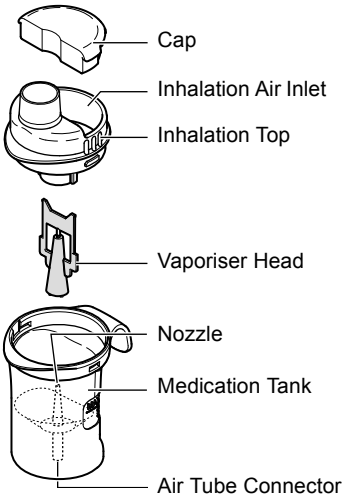


1. Know your unit

Nebuliser Kit



Nebuliser Kit



Kids Accessory  
(Smile Bear)



Kids Accessory  
(Happy Bunny)

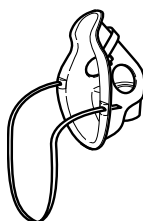


### Accessories

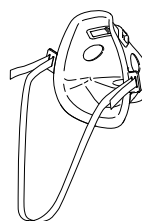
Mouthpiece



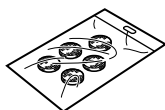
Child Mask (PVC)



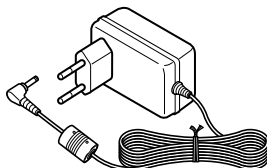
Infant Mask (PVC)



Spare Air Filters × 5



AC adapter



Storage Bag



Instruction Manual



Warranty card



## 2. Preparing the nebuliser for use

### ⚠ Warning:

- Clean and disinfect the nebuliser kit, kids accessory, mask or mouthpiece before using them for the first time after purchase.
- If the device has not been used for a long period of time, or if more than one person uses the same device, clean and disinfect the nebuliser kit, kids accessory, mask or mouthpiece before using them.

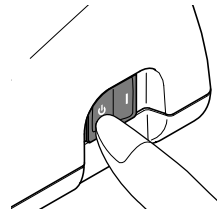
For directions on cleaning and disinfecting refer to Section 4 (page 16-18).

**Note:** Make sure that the air filter is changed regularly. Refer to Section 6 “Changing the air filter” (page 20).

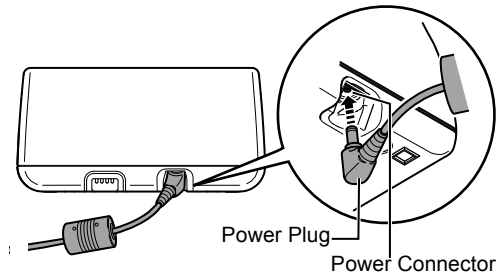
### 2.1 Connecting AC adapter

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

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

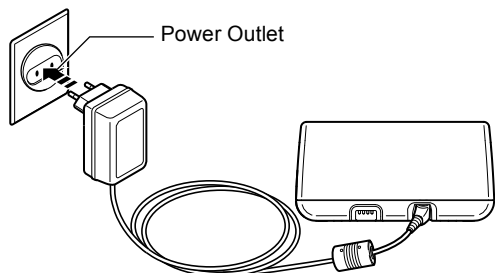


2. Inserting the power plug of the AC adapter into the power connector on the compressor.



3. Plug the AC adapter into a power outlet.

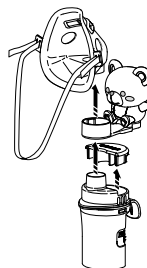
**Note:** When disconnecting the AC adapter, unplug the AC adapter from the power outlet before removing the power connector on the compressor.



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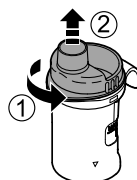
## 2.2 Adding medication and assembling the parts

1. Remove the mask or mouthpiece, kids accessory and cap from the nebuliser kit.



2. Remove the inhalation top from the medication tank.

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

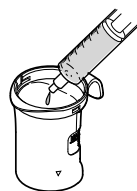


3. Add the correct amount of prescribed medication to the medication tank.

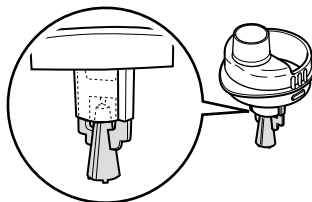
**⚠ Caution:**

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

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

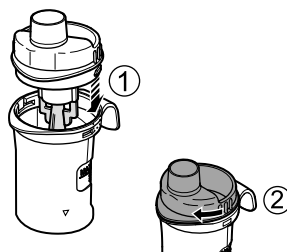


4. Make sure that the vaporiser head is securely attached to the inhalation top.

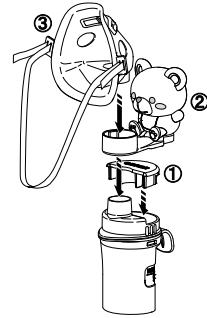


5. Put the inhalation top back inside the medication tank.

- 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.

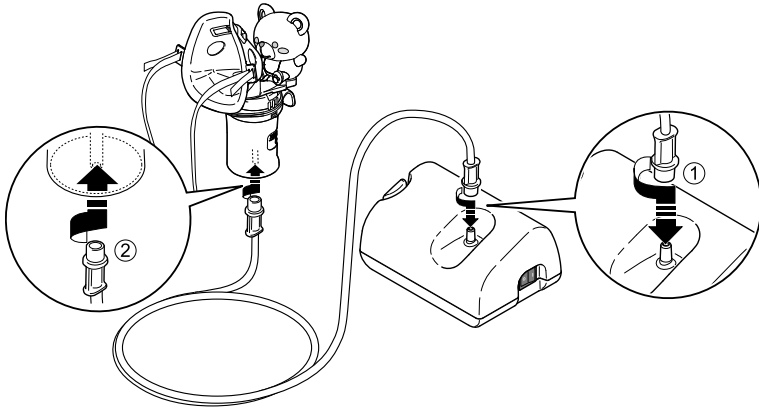


6. Attach the cap, kids accessory, mask or mouthpiece to the nebuliser kit.
- 1) Attach the cap to the inhalation air inlet.
  - 2) Attach the kids accessory to the inhalation top.
  - 3) Attach the mask or mouthpiece to the inhalation top.



**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:**

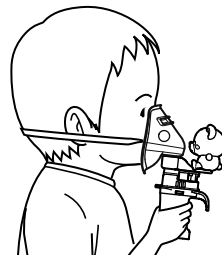
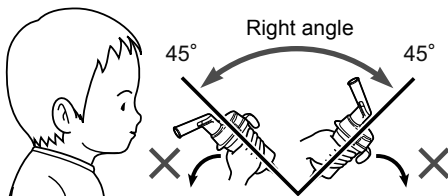
- Make sure that the air tube is securely attached to the compressor and nebuliser kit, and does not come loose. Twist the air tube plug slightly when inserting it into the air tube connectors to avoid the air tube disconnecting during use.
- Take care not to spill the medication when attaching the air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

### 3. Taking medication

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

**⚠ Caution:**

Do not tilt the nebuliser kit so that it is at an angle of greater than 45° in all directions. Medication may flow into the mouth or it may result in not nebulising effectively.



2. Press the power switch to the on ( | ) position. The compressor starts and nebulisation starts.

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

**To stop nebulisation**

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

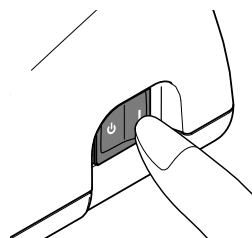
**⚠ Warning:**

**Do not cover the compressor with a blanket or towel etc., 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 nebulising.

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

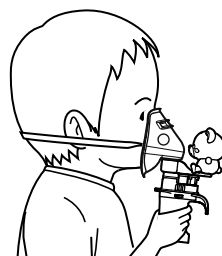


3. Inhale medication according to your doctor's and/or health care adviser's instructions.

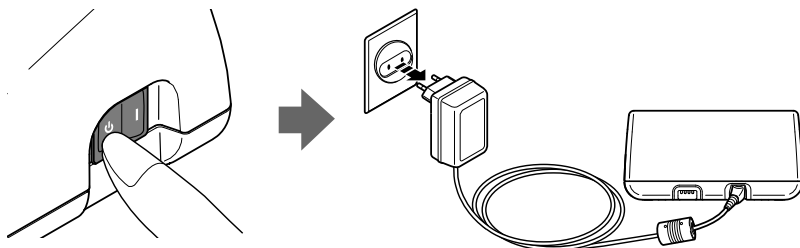
Attach the mask so that it covers your nose and mouth and inhale the medication.  
Exhale through the mask.

**Using the mouthpiece**

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



4. When treatment is complete, turn the power off. Check that there is no condensation or moisture in the air tube and unplug the device from the power outlet.



**⚠ Warning:**

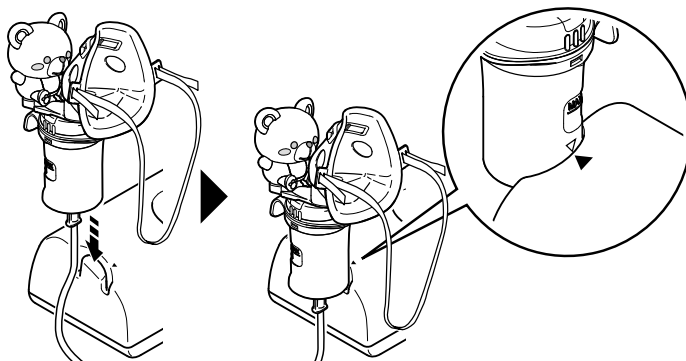
**Condensation may occur in the air tube. Do not store the air tube while it contains condensation or moisture. This could result in infection via bacteria.**

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 nebuliser kit.
- 3) Turn on the compressor and pump air through the air tube to expel the moisture.

Use the nebuliser kit holder as a temporary holder for the nebuliser kit.

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



## 4. Cleaning and daily disinfecting

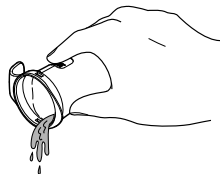
### 4.1 Cleaning

Following the cleaning instructions after each use will prevent any remaining medication in the tank from drying, resulting in the device not nebulising effectively and also for preventing infections.

**⚠ Warning:**

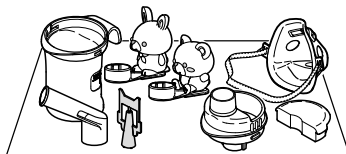
**Thoroughly rinse the nebuliser kit, kids accessory, mask or mouthpiece with clean hot tap water after each use, and disinfect them after the last treatment of the day.**

1. Make sure that the power switch is in the off (⏻) position.
2. Disconnect the AC adapter from the wall outlet and the compressor.
3. Remove the nebuliser kit from the air tube and disassemble the nebuliser kit. Refer to Section 2 (page 12-13).
4. Discard any remaining medication in the medication tank.



5. Wash all the nebulising parts in warm water and mild detergent and rinse in clean hot tap water.
6. After cleaning and disinfecting the parts, rinse them thoroughly with clean water and allow the parts to air dry in a clean environment.

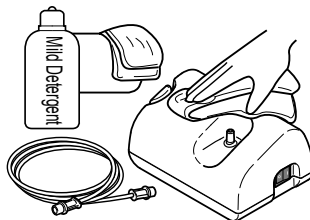
**Note:** Do not start operation before the cleaned parts are completely dried.



7. If the compressor or the outside of the air tube are dirty, wipe them clean with a soft cloth moistened with water or mild detergent.

**⚠ Caution:**

The compressor is not waterproof.



8. Reassemble the nebuliser kit. Put it in the storage bag.



## 4.2 Disinfecting the nebulising parts

Always clean before disinfection. (See Section 4.1 "Cleaning")

Always disinfect the medication tank, mouthpiece and other nebulising parts after the last treatment of the day. For appropriate method of disinfecting each part, refer to page 18.

To disinfect the parts, use one of the methods described below:

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

1. Submerge the parts in the cleansing solution for the specified period.
2. Remove the parts and discard the solution.
3. Rinse the parts with clean hot tap water, shake off excess water and allow to air dry in a clean environment.

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

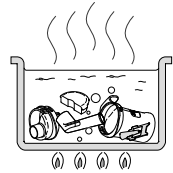
After boiling, carefully remove the parts, shake off excess water and allow to air dry in a clean environment.

**Note:** Do not boil air tube, mask, kids accessory, air filter and air filter cover.

### **Caution:**

Do not use an autoclave, EOG gas disinfection or low temperature plasma sterilizer to disinfect the device.

**Note:** The printing may come off the surfaces of kids accessories as a result of repeated washing and disinfecting.



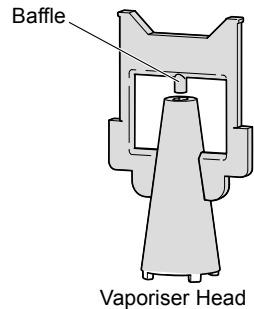
### Handling the Vaporiser Head

The vaporiser head is an important part that is used to vaporise medication.

Be sure to observe the following precautions when handling it.

### **Caution:**

- Always wash the vaporiser 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 vaporiser head together with other objects, other than applicable nebuliser accessories.
- Do not use a microwave oven, dish dryer or hair dryer to dry parts.



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Use the table below as a guideline to select a method for disinfecting

O : applicable x : not applicable

Parts	Model	Materials	Boiling	Alcohol	Sodium	Quaternary	Chlorhexi-	Amphoteric
				Disinfecting ethanol	Milton* (0.1%)	Osvan* (0.1%)	dine Hibitane* (0.5%)	surfactant Tego* (0.2%)
Mouthpiece	C28-3P	PP	O	O	O	O	O	O
Nebuliser Kit Set	C801-NSET3	Cap: PP Inhalation Top: PP Vaporiser Head: PC Medication Tank: PP	O	O	O	O	O	O
Kids Accessory	C801-NKKD1 C801-NKKD2	PP, PVC (Phthalate free)	x	x	O	O	O	O
Air Filter	C30-4E	Polyester	x	x	x	x	x	x
Air Filter Cover	C801-FCKD	ABS	x	O	O	O	O	O
Child Mask (PVC) Infant Mask (PVC)	C28-9 C801-MSSP	Mask: PVC (Phthalate free) Band: Rubber (non-latex)	x	O	O	O	O	O
Air Tube (PVC, 100cm)	C801-ATBP	PVC (Phthalate free)	x	x	x	x	x	x
Air Tube (Silicone, 100cm)	C28-6	Tube: Silicone Connector: PP	O	O	O	O	O	O

\* an example of commercially available disinfectant.

## 5. 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 nebuliser 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.



Always transport the device in its storage bag, and store the device in the bag if it will not be used for a long period.

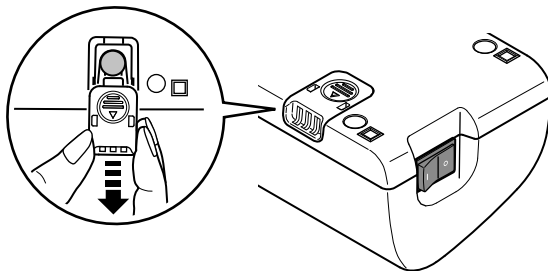


**Note:** Nebuliser kit should be replaced after using for one year.

## 6. Changing the air filter

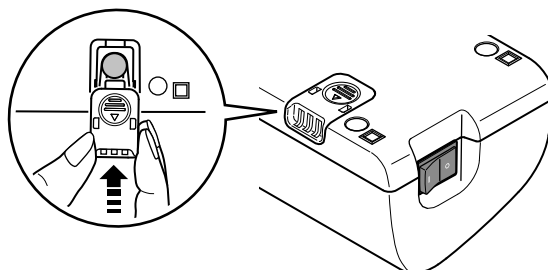
If the air filter has changed colour, or has been used on average for more than 60 days, replace it with a new one.

1. Pull the air filter cover off the compressor.



2. Change the air filter.

3. Put the air filter cover back in place.



### 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 attempt to wash or clean the filter. If the air filter becomes wet, replace it. Damp air filters can cause blockages.
- To prevent the air filter cover from becoming blocked, wash the cover regularly. Do not boil the air filter cover. Remove the air filter cover, wash it, and make sure it is dry and reattached correctly.
- Please contact your OMRON dealer for additional air filters, or if the parts supplied with the device are damaged or missing.

## 7. Troubleshooting

Check the following if your unit should fail during operation. You can also refer to the pages of this manual for complete instructions.

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 nebulisation or low nebulisation 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 vaporiser head missing and not assembled correctly?	Attach the vaporiser head correctly.
	Is the nebuliser kit assembled correctly?	Assemble the nebuliser kit correctly.
	Is the nozzle blocked?	Make sure that the nozzle is free of blockages.
	Is the nebuliser kit tilted at a sharp angle?	Make sure that the nebuliser 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 nebuliser 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.
The device is very hot.	Is the air filter dirty?	Replace the air filter with a new one.
	Is the air filter cover attached correctly?	Attach the air filter cover correctly.
The device is abnormally loud.	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.

## 8. Technical data

<b>Name:</b>	COMP AIR
<b>Model:</b>	NE-C801KD (NE-C801S-KDE)
<b>Type:</b>	Compressor Nebuliser
<b>Rating (AC adapter):</b>	100 - 240V ~ 350mA, 50/60Hz
<b>Rating (Compressor Nebuliser):</b>	12V $\overline{\sim}$ 0.8A
<b>Operating Condition:</b>	Intermittent operation 20min. ON / 40min. OFF
<b>Operating Temperature/ Humidity:</b>	+10°C to +40°C 30% to 85% RH
<b>Storage Temperature/ Humidity/Air Pressure:</b>	-20°C to +60°C 10% to 95% RH 700 - 1060 hPa
<b>Weight:</b>	Approx. 270g (compressor only)
<b>Dimensions:</b>	Approx. 142 (W) × 72 (H) × 98 (D) mm
<b>Contents:</b>	Compressor, Nebuliser Kit, Kids Accessories (Smile Bear, Happy Bunny), Air Tube (PVC, 100cm), 5 pcs Spare Air Filters, Mouthpiece, Infant Mask (PVC), Child Mask (PVC), AC adapter, Storage Bag, Instruction Manual, Warranty Card.
<b>Classification:</b>	Class II equipment, Type B applied part



= Class II equipment



= Type B  
applied part



Read the instruction  
manual carefully



= No operation



= Power on

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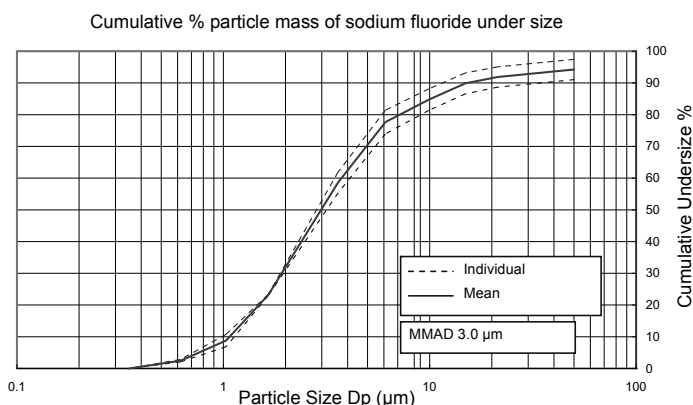
### Notes:

- 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.
- Do not use the device where it may be exposed to flammable gas.
- This device fulfils the provisions of the EC directive 93/42/EEC (Medical Device Directive) and the European Standard EN13544-1:2007, Respiratory therapy equipment - Part1: Nebulising systems and their components.

# Technical data for the OMRON NE-C801KD Compressor with the OMRON V.V.T. (Virtual Valve Technology) Nebuliser kit:

<b>Particle Size:</b>	**MMAD Approx. 3µm MMAD = Mass Median Aerodynamic Diameter
<b>Medication Tank Capacity:</b>	7ml maximum
<b>Appropriate Medication Quantities:</b>	2ml minimum - 7ml maximum
<b>Sound:</b>	*Approx. 46dB
<b>Nebulisation 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 EN 13544-1:2007

## Notes:

- Performance may vary with drugs such as suspensions or high viscosity. See drug supplier's data sheet for further details.
- See web site of OMRON HEALTHCARE EUROPE to update technical information.  
URL: [www.omron-healthcare.com](http://www.omron-healthcare.com)

### **Important information regarding Electro Magnetic Compatibility (EMC)**

With the increased number of electronic devices such as PC's and mobile (cellular) telephones, medical devices in use may be susceptible to electromagnetic interference from other devices. Electromagnetic interference may result in incorrect operation of the medical device and create a potentially unsafe situation.

Medical devices should also not interfere with other devices.

In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the EN60601-1-2:2007 standard has been implemented. This standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices.

This medical device manufactured by OMRON HEALTHCARE conforms to this EN60601-1-2:2007 standard for both immunity and emissions.

Nevertheless, special precautions need to be observed:

- Do not use mobile (cellular) telephones and other devices, which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 7 m. Verify correct operation of the device in case the distance is shorter.

Further documentation in accordance with EN60601-1-2:2007 is available at OMRON HEALTHCARE EUROPE at the address mentioned in this instruction manual.

Documentation is also available at [www.omron-healthcare.com](http://www.omron-healthcare.com).



### **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 from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

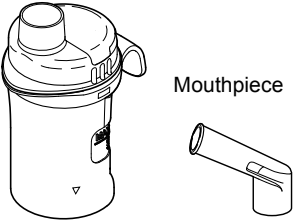



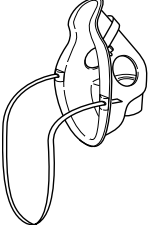
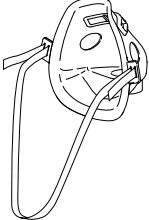

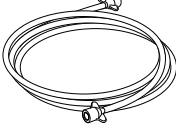

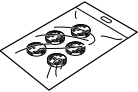


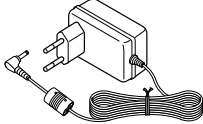
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

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 wastes for disposal.


This product does not contain any hazardous substances.



## 9. Optional parts and accessories

<p><b>V.V.T. Nebuliser Kit N-01 &amp; Mouthpiece Set</b>  Model: C801-NSET3  Order No.: 9515573-6</p>  <p>Mouthpiece</p> <p>Nebuliser Kit No. : N-01</p>	<p><b>V.V.T. Nebuliser Kit N-01 &amp; Smile Bear Set</b>  Model: C801-NKKD1  Order No.: 9520011-1</p> 	<p><b>V.V.T. Nebuliser Kit N-01 &amp; Happy Bunny Set</b>  Model: C801-NKKD2  Order No.: 9520012-0</p> 
<p><b>Mouthpiece</b>  Model: C28-3P  Order No.: 9956273-5</p> 	<p><b>Child Mask (PVC)</b>  Model: C28-9  Order No.: 9956276-0</p> 	<p><b>Infant Mask (PVC)</b>  Model: C801-MSSP  Order No.: 9520250-5</p> 
<p><b>Air Tube (PVC, 100cm)</b>  Model: C801-ATBP  Order No.: 9515575-2</p> 	<p><b>Air Tube (Silicon, 100cm)</b>  Model: C28-6  Order No.: 9956269-7</p> 	<p><b>Instruction Manual</b>  Model: C801-MA-KDE  Order No.: 5332892-4</p> 
<p><b>Air Filters (x 5)</b>  Model: C30-4-E  Order No.: 9956636-6</p> 	<p><b>Air Filter Cover</b>  Model: C801-FCKD  Order No.: 9520251-3</p> 	<p><b>Storage Bag</b>  Model: C801-SOCA-KDE  Order No.: 9520249-1</p> 
<p><b>AC Adapter</b>  Model: C30-E-AC  Order No.: 9956628-5</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> <div style="border: 1px solid black; display: inline-block; padding: 2px;"> <div style="border: 1px solid black; padding: 2px; margin-right: 5px;">EC</div> <div style="border: 1px solid black; padding: 2px;">REP</div> </div>	<b>OMRON HEALTHCARE EUROPE B.V.</b> Scorpius 33, 2132 LR Hoofddorp, THE NETHERLANDS <a href="http://www.omron-healthcare.com">www.omron-healthcare.com</a>
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