

## 5. Cleaning and daily disinfecting

### 5.1 Cleaning

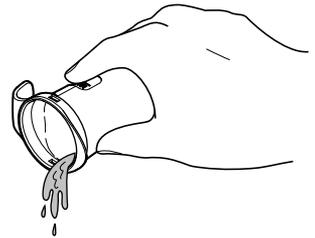
Following the cleaning instructions after each use will prevent any remaining medication in the tank from drying, resulting in the device not nebulizing effectively and also for preventing infections.

**⚠ Warning:**

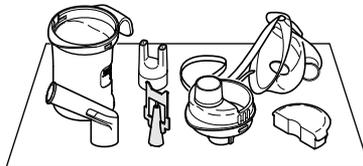
**Thoroughly rinse the nebulizer kit and the mask, nosepiece or mouthpiece with clean hot tap water after each use, and disinfect the parts of the nebulizer kit and applicable inhalation attachments after the last treatment of the day.**

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

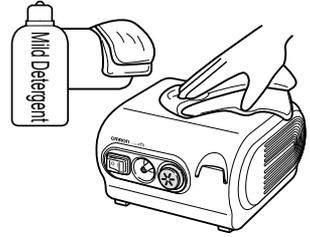
1. Make sure that the power switch is in the **○** (off) position.
2. Unplug the power cord from the electrical outlet.
3. Remove the nebulizer kit from the air tube and disassemble the nebulizer kit. Refer to Section 3 (page 10-13).
4. Discard any remaining medication in the medication tank.



5. Wash all the nebulizing parts in warm water and mild detergent and rinse in clean hot tap water.  
For instructions on how to disinfect the parts, see the following section.
6. After cleaning and disinfecting the parts, rinse them thoroughly with clean water and allow the parts to air dry in a clean environment.



7. If the compressor is dirty, wipe it clean with a soft cloth moistened with water or mild detergent.



**⚠ Caution:**  
The compressor is not waterproof.

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8. If the outside of the air tube is dirty, wipe it clean with a soft cloth moistened with water or mild detergent.
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9. Reassemble the nebulizer kit. Put the parts in a dry, sealed bag and place in the storage pocket of the carrying bag.

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

## 5.2 Disinfecting the nebulizing parts

Always clean before disinfection.

Always disinfect the medication tank, mouthpiece and other nebulizing parts after the last treatment of the day. For appropriate method of disinfecting each part, refer to page 20.

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

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1. Submerge the parts in the cleansing solution for the specified period.
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2. Remove the parts and discard the solution.
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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, Adult mask (PVC), Child mask (PVC), Air filter and Air filter cover.

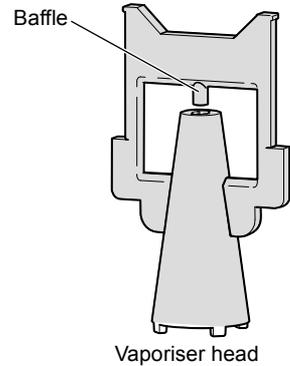
**⚠ Caution:**  
Do not use an autoclave, EOG gas disinfection or low temperature plasma sterilizer to disinfect the device.

## 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 nebulizer accessories.
- Do not use a microwave oven, dish dryer or hair dryer to dry parts.



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

O: applicable x: not applicable

Parts	Model	Materials	Boiling	Alcohol	Sodium hypochlorite	Quaternary ammonium	Chlorhexidine	Amphoteric surfactant
				Disinfecting ethanol	Milton* (0.1%)	Osvan* (0.1%)	Hibitane* (0.5%)	Tego* (0.2%)
Mouthpiece		C28-3P-E	PP	O	O	O	O	O
Nebulizer Kit Set		C801S-NSET3-E	Cap: PP Inhalation Top: PP Vaporiser Head: PC Medication Tank: PP	O	O	O	O	O
Nosepiece		C28-7-E	PP	O	O	O	O	O
Air Filter		C28-2-E	Polyester	x	x	x	x	x
Air Filter Cover		C28-5-E	ABS	x	O	O	O	O
Adult Mask (PVC) Child Mask (PVC)		C28-8-E C28-9-E	Mask: PVC (Phthalate free) Band: Rubber (non-latex)	x	O	O	O	O
Adult Mask (SEBS) (optional) Child Mask (SEBS) Set (optional)		U10-1P-E U10-2P-E	Mask: SEBS Band: Rubber (non-latex) Adapter: PP	O	O	O	O	O
Air Tube (PVC, 200cm)		NEB-TP-L20E	PVC (Phthalate free)	x	x	x	x	x
Air Tube (Silicone, 100cm) (optional)		C28-6-E	Tube: Silicone Connector: PP	O	O	O	O	O

\* an example of commercially available disinfectant.