

Welcome you to purchase our KQW–type Air Compression Nebulizer.

This **KQW–type Air Compression-type Nebulizer** has the features of small power, low noise, easy operation, powerful nebulization, superfine nebulized particles for easier absorbing by the body, etc.

- **Special prompt: The primary liquid of medication is nebulized without reducing the concentration of medication, resulting in more remarkable effectiveness of medication.**

The following instructions are applicable to Models KQW-4type and KQW-5type Compressor Nebulizers.

Before use

Check the apparatus for accessories

- Identification of product packed in box
- Identification of nebulizer kit packed in box

- Main unit 1 set
- Air hose 1 piece
- Nebulizer kit 1 set

Nebulizer kit-type and Apply the scope

Order	type	Apply the scope	
330650	Portalbe	Laryngitis、	Child / adult
330660	Portalbe	Bronchitis、	adult
330670	Functional	Asthma	Child /adult
330680	Specialistic	Rhinitis	
330690	Specialistic	Gynecology disease	

In case the listed accessories are found in shortage or damaged, please make contact with the local dealers.

Nebulizer kit Technical data

Order	Capacity of Medication tank	Nebulization rate	Particle size rate
330650	10ml	0.35ml/min	3.0µm(MMD*)
330660	20ml	0.40ml/min	3.5µm(MMD*)
330670	10ml	0.50 ml/min	0.5µm-8µm
330680	10ml	3.00 ml/min	>30µm
330690	10ml	3.00 ml/min	>30µm

Nebulizer kit Accessories

Order	Accessories
330650	Mouthpiece、 Child / adult Mask 1 pieces Nose*-piece
330660	Mouthpiece、 adult Mask 、 1 pieces Nose*-piece
330670	Mouthpiece、 Mask 2 pieces
330680	_____
330690	_____

Preparations before treatment operation

Disassembling and cleaning of nebulizer assembly

Unpacking the nebulizer and open the front cover to take out the nebulizer assembly, etc. Always use the following procedures to carry out cleaning and disinfecting.

● Disengage the nebulizer cap from nebulizing chamber:

Hold the nebulizing chamber by hand, turn the nebulizer cap and pull upward as shown in Fig.(2) to remove the nebulizer cap.

● Disengage the nebulizer cap from the nebulizing chamber:

Hold the nebulizing chamber by hand, and remove the nebulizer cap by grasping at both sides to pull it upward.

● Use neutral detergent for cleaning, and then rinse it with clean water and mop it up. After use, follow the above-mentioned method to clean and mop up it for storage.

● If the nebulizer is not for a private use for a person, it should be disinfected with disinfectant solution after each treatment. The mouthpiece, mask and the other accessories in contact with mouth and face should be soaked in disinfectant solution for disinfecting.

Assembling and other connections of nebulizer assembly after cleaning

The nebulizer assembly is assembled using the following method:

● Assemble the nebulizer cap into nebulizing chamber: fit the nebulizer cap onto the nebulizer chamber as shown in Fig.(2), and then turn it anticlockwise until it is engaged.

● Connect nebulizer assembly and the main unit with the air hose, see Fig. (1).

● Assemble the mouthpiece or mask into the nebulizer cap, see Fig. (4).

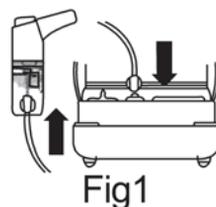
Medication charging method

Turn to open the nebulizer cap, pour the medication into nebulizing chamber according to doctor's advice, then close the nebulizer cap, see Fig. (3).

Selection and use of mouthpiece and masks

● Use mouthpiece to make a treatment through throat.

(Open the mouth and allow the mouthpiece to enter the mouth, then slightly close the lips.)



- Use mask to make a treatment through nose.
(The mask is lightly in contact with face or a bit away from face).

Inhalation treatment

Method and precautions for inhalation treatment

- When making a treatment for the respiratory passages, you should sit upright and relax as otherwise you will constrict your respiratory passages and impair the effect of inhalation treatment. If you have to be treated in bed, support yourself with pillows so that you can sit as upright as possible. Even if you have to be treated outdoors or in a special environment, keep your respiratory passages as through as possible. Generally, one treatment should not last longer than 15 minutes. Consult your doctor concerning the appropriate inhalation time.
- Always be calm and relaxed when you inhale. Breathe in slowly and deeply so that the medication can reach the fine, deep bronchial tubes. Hold your breath for a short time, then breathe out slowly. Do not try to breathe too quickly. Make a pause when you feel like having one.
- As for the inhalation treatment for the nose, throat, etc., please follow the advice given by your doctor.
- 330670: Press the I/O switch to start up the nebulizer, When the medication solution is run out or the inspiratory time recommended by the doctor is up, turn off the I/O switch and push the control switch button up to the upper end.
- After the nebulization treatment is finished, allow to have sufficient time to inhale fresh air in order to have better treatment effect.
- When it is used for children, the doctor's advice on treatment time must be observed.
- Every time it is used, the residual medication should be emptied. Clean and mop up the nebulizer and keep it in order for use next time.

Safety precautions

1. As soon as you have unpacked the nebulizer, check it for any visible damage or defects. In particular check for cracks in the plastic housing. If this is the case or if you are in doubt, contact an authorized dealer directly.
2. Only use the nebulizer for its intended purpose, i.e. use it for inhalation therapy. Any other form of use constitutes an improper use, and is therefore dangerous. The manufacturer cannot hold liabilities for any damage caused by improper or incorrect use.
3. Never open the main unit.
4. The unit is not protected against water penetration, so:
 - Never submerge the nebulizer in water.
 - Do not use the nebulizer while you are in a bathtub. If it falls into water, first disconnect the power supply plug from the wall socket before attempting to retrieve it. Immediately contact an authorized dealer and have the unit inspected. Do not use the unit before this inspection and any necessary repairs have been carried out.

5. Do not allow unsupervised children to use the unit. Some parts of this unit are so small that they could be swallowed by small children when they are dismantled for cleaning.

- Do not disconnect the unit by simply pulling out the plug from the wall socket. Always switch the unit off first.

- If the power plug provided with the nebulizer does not fit your wall socket have the plug changed by an electrical appliance dealer. Avoid using an adapter. However, if that is unavoidable, ensure that the adapter complies with the standard safety regulations. If you use an extension cable or mains adapter, make sure not to connect too many appliances simultaneously so that the maximum load is not exceeded.

- Always disconnect the nebulizer from the power supply before commencing cleaning.

6. Do not operate the unit in the presence of anaesthetic mixtures which are inflammable when they come into contact with air, oxygen or nitrous oxide.

7. If you discover that the nebulizer is damaged or does not operate properly, switch it off immediately and stop using it. Any repairs must be carried out by authorized dealer using only original “*Original factory*” spare parts.

Troubleshooting

If the nebulizer does not nebulize, or only very weakly, check the following points:

- Check whether the power supply complies with the ratings of voltage and frequency of the unit. Make sure that the power supply plug is firmly fitted into the wall socket.

- Check whether the medication in the nebulizing chamber is run out. If it is the case refill the medication into the nebulizing chamber.

- Check if the nebulizing head the nebulizing chamber. The residual medication may block the nebulizing head, to affect the efficiency of medication vaporization.)

- Clean the nebulizing head, and install it correctly in place.

- If it appears that no medication is being supplied, check whether the jet nozzle is clogged. In that case, make contact with the dealer.

Other information

Main specifications

Operation method: refer to the details of operation instructions.

Electrical classification: This product is classified as the common medical equipment of Class II, Type B.

Marks for switch: ON = I; OFF = O

Fuse: Fuse cartridge T 2A - L (φ5 X20) contained in main unit.

Operation environment: Ambient temperature: 10 - 35 °C;

Relative humidity: equals or less than 80%RH;

Atmosphere: 860 - 1060 hpa;

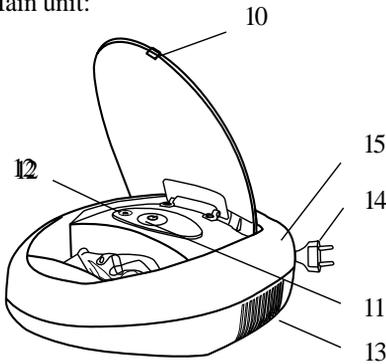
Power supply: 110V/60Hz, 220V/ 50Hz-60Hz, 230V/50Hz

Noise: equals or less than: 60dB (A);

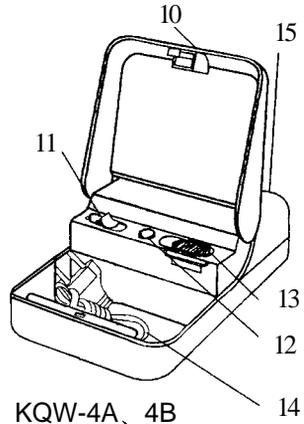
Input power: equals or less than 180VA

Designations and positions of components of main unit

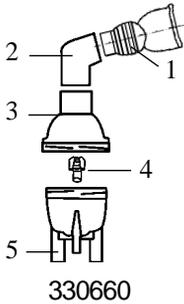
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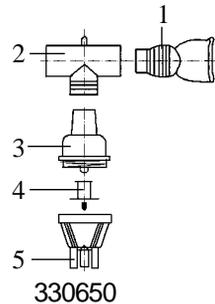
KQW-5A



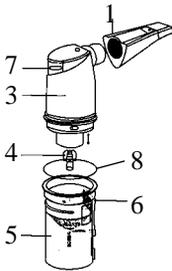
KQW-4A, 4B



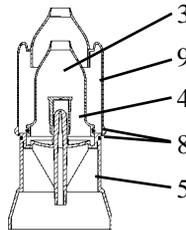
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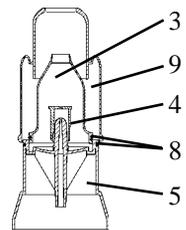
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330670



330680



330690

Fig 4

1.Mouthpiece

2.Inspiratory regulation valve

3.Nebulizing cap

4.Nebulizing head

5.Nebulizing chamber

6.Control switch

7.Connect

8.Sealring ring

9.Liquid cotcher

10.Fiont cover

11.OFF/ON switch

12.Porous

13.Filter compartment

14.Power cable

15.Main unit

Nebulizer kit :

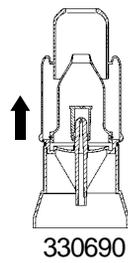
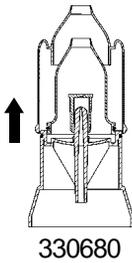
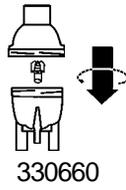
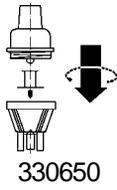


Fig 2

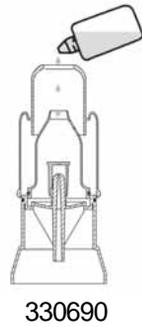
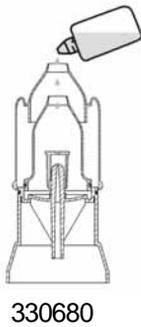
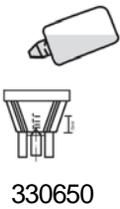
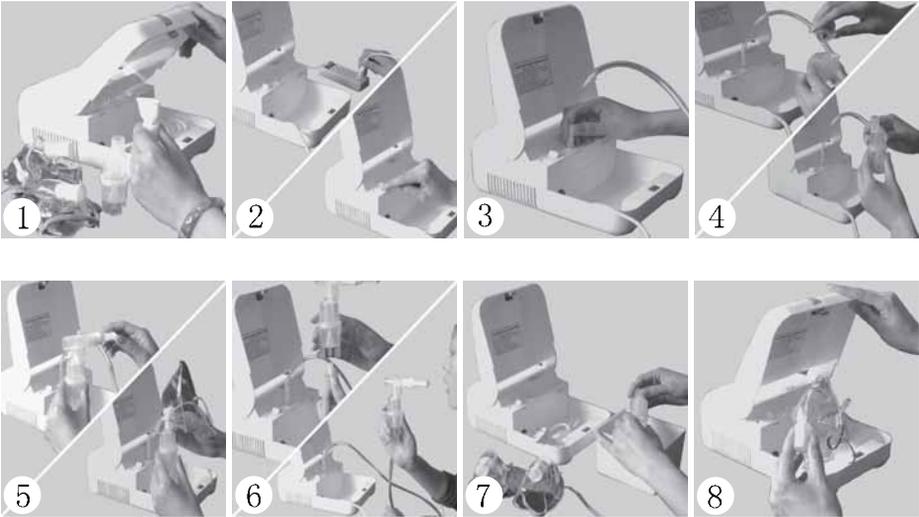


Fig 3

Operation illustrated manual table
KQW-4A, 4B



KQW-5A

