

CITIZEN

INSTRUCTION MANUAL FOR COMPRESSOR NEBULIZER

GC806



FIG. A

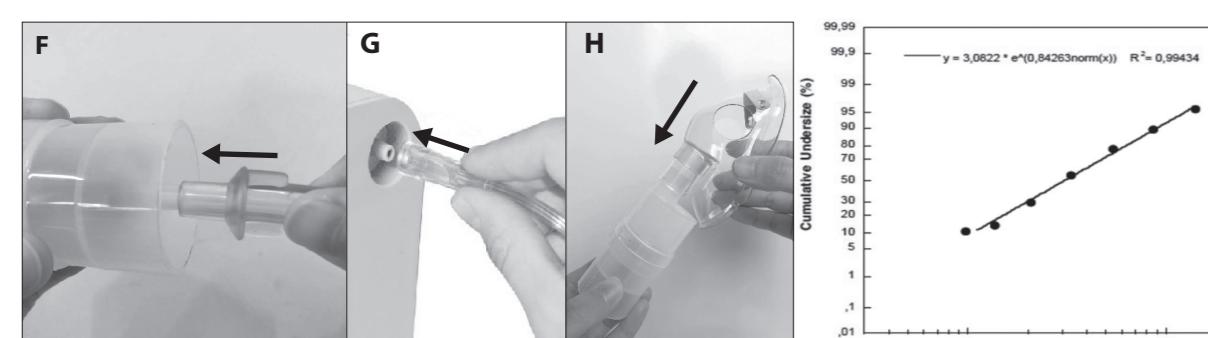
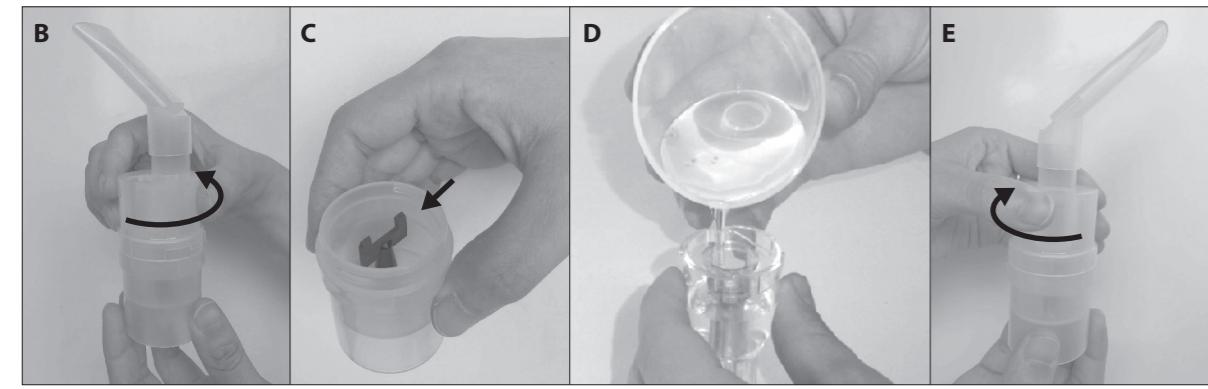
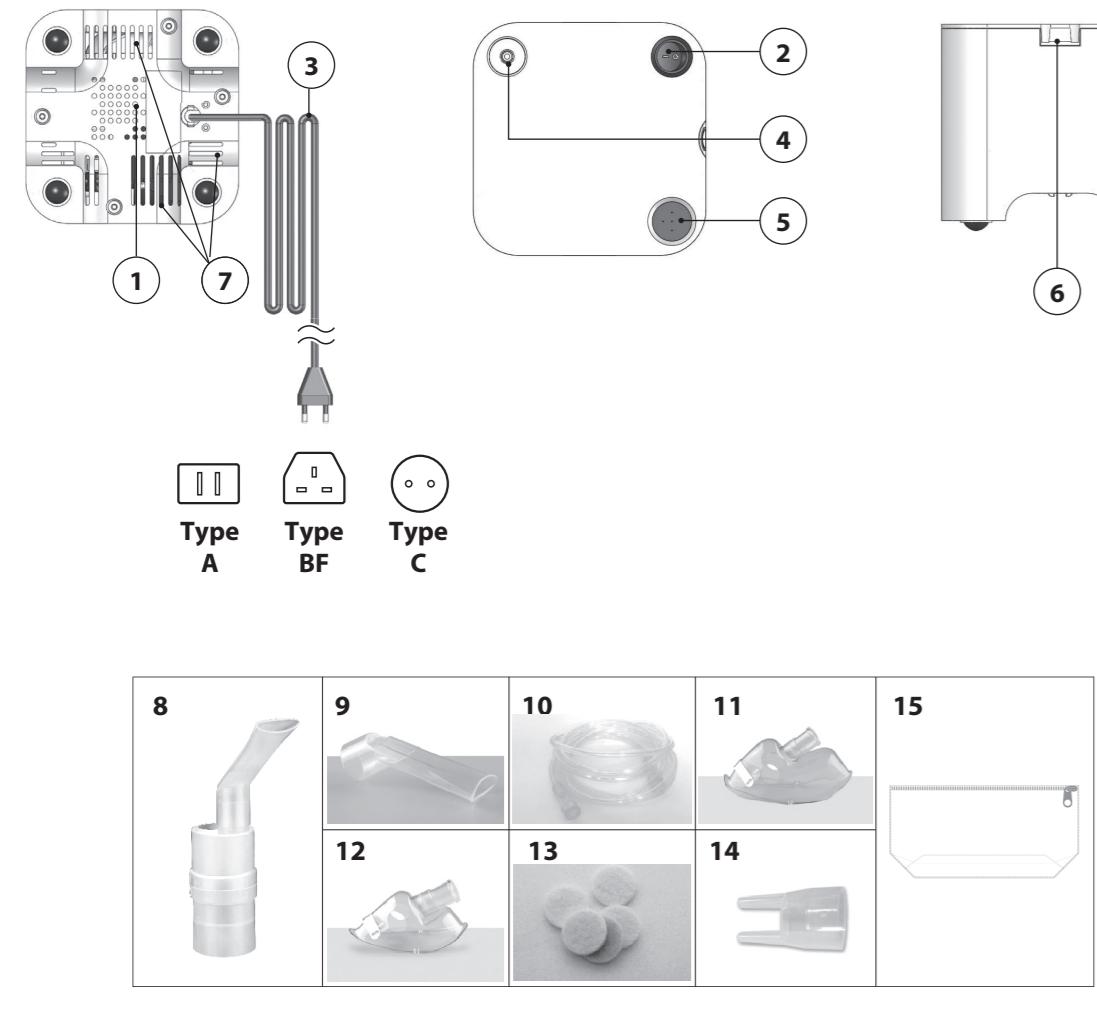


Figure Relationship between the Cumulative Undersize (%) and Particle Size

FORP EC Representative:
Donawa Lifescience Consulting Srl
Piazza Albania, 10
00153 Rome / Italy

Manufacturer:
Globalcare Medical Technology Co., Ltd
No. 7 factory building, European Industrial Zone,
No. 39 Middle Industrial Main Road, Xiaolan Town, Zhongshan City



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* Design and specifications are subject to change without notice.

CITIZEN SYSTEMS JAPAN CO., LTD.
6-1-12, Tanashi-cho, Nishi-Tokyo-shi,
Tokyo 188-8511, Japan
E-mail: sales@systems.citizen.co.jp
http://www.citizen-systems.co.jp/

English	GC806 COMPONENTS - (PIC. A)	6. Nebulizer holder	11. Adult mask	11. Mascarilla para adultos
1. Compressor housing	7. Adult openings	12. Pediatric mask	12. Mascarilla pediátrica	12. Mascarilla pediátrica
2. ON/OFF switch	8. Nebulizer	13. Spare air filters	13. Filtros de aire de repuesto	13. Filtros de aire de repuesto
3. Power cord	9. Mouthpiece	14. Nosepiece	14. Pieza nasal	14. Pieza nasal
4. Air outlet	10. Air tube	15. Accessories case	15. Tubo de aire	15. Contenedor porta-accesorios

IMPORTANT: READ CAREFULLY THE INSTRUCTIONS FOR USE BEFORE OPERATION.

GC806 es un sistema para aerosoterapia indicado para uso doméstico.

- Use the device only as described in this manual and therefore as an aerosolotherapy system, following the indications of your doctor. Any use different from the intended one is to be considered improper and hence dangerous; the manufacturer cannot be held liable for any damage caused by improper, incorrect and/or unreasonable use, or if the equipment is connected to electrical installations which do not comply with current safety regulations.
- Keep the unit clean and dry.
- Do not operate the unit in presence of any anaesthetic mixture inflammable with oxygen or nitrogen protoxide.
- The correct functioning of the equipment can be affected by electromagnetic interferences which exceed the limits indicated by the European standards in force. In case this device interferes with other electrical devices, move it and plug it to a different power socket.
- In case of failure or malfunction, read the "POSSIBLE PROBLEMS AND HOW TO SOLVE THEM" section. Do not tamper or open the device.
- Use the dedicated spare parts only.
- Comply with the safety regulations concerning the electrical devices and in particular:
 - use only original accessories and components;
 - never submerge the unit in water;
 - never wet the device if it is not protected against sprinkles;
 - never touch the unit with wet hands;
 - do not expose the unit to extreme elements;
 - place the unit on a stable and horizontal surface during its operation;
 - if the product is dropped by your foot or hand accidentally catching the power cord, it may cause damage or injury. Keep the product in a stable place and be careful when moving;
 - the use of this device by children and disabled requires always the close supervision by an adult with full mental faculties;
 - do not use the device in presence of the device which unplugs from the power socket;
 - the power plug is the separation element from the grid power; keep the plug accessible when the device is in use;
 - do not block the air vent for the compressor/air pump.
- Before plugging in the device, make sure that the electrical rating, shown on the rating plate on the bottom of the unit, corresponds to the mains rating.
- In case the power plug provided with the device does not fit your wall socket, address to qualified personnel for the replacement of the power plug, simple or multiple, and/or extension cable. If their use is indispensable, it is necessary to take compliance with safety regulations, paying however attention they do not exceed the maximum power limits, indicated on adapters and extension cables.
- Do not leave the unit plugged in when not in use; unplug the device from the wall socket if it is not operated.
- The installation must be carried out according to the instructions of the manufacturer. An improper installation can cause damage to the power cord or the device itself.
- The power cord must be replaced or repaired by the user. In case of a power cord damage, address to a technical service centre authorized by the manufacturer for its replacement.
- The power supply cord should always be unfolded in order to prevent dangerous overheating.
- Before performing any maintenance or cleaning operation, turn off the device and disconnect the plug from the main supply.
- Some parts of the unit are so small that they may be swallowed by children; keep the equipment out from children's reach.
- If you decide not to use the device any longer, it is recommended to dispose of it according to the current regulations.
- Make sure that the unit is not in contact with liquids and that the power plug is disconnected.
- This device only with medicines prescribed by your doctor.
- make the treatment using only the accessory recommended by your doctor and paying attention to NEVER introduce the bifurcations in the nose,
- use the nasal fork accessory only if expressly indicated by your doctor and paying attention to NEVER introduce the bifurcations in the nose, but only bringing them as close as possible.
- stick the device to the nasal fork, never to the nostril.
- Do not position the equipment so that it is difficult to operate the disconnection device.
- For greater hygiene, we recommend you to avoid using the same accessories for more than one person.
- Insert the air tube firmly into the air outlet. The air tube may come off when using the product.
- If you use it continuously for a long period of time, the compressor housing may heat up.

INSTRUCTIONS FOR USE

- The device must be checked before each use, in order to detect possible functioning anomalies and/or damages due to transport and/or storage.
- During inhalation, sit upright and relaxed at a table and not in an armchair, in order to avoid compressing your respiratory airways and impairing the treatment effectiveness.
- The accessories must be used only with a single patient; it is not recommended to use them with several patients.
- After each use, clean the device and remove any defects; pay particular attention to cracks in the plastic housing, which may expose electronic components. Check for accessories integrity.
- Open the nebulizer by turning counterclockwise the top (Pic. C).
- Make sure that the medicine conduction cone is properly fitted on the air conduction cone inside the nebulizer (Pic. C).
- Put the prescribed medicine into the nebulizer (Pic. D).
- Close the nebulizer by turning clockwise the top (Pic. E), paying attention that they are thoroughly sealed (Pic. F).
- Connect one end of the air tube to the nebulizer (Pic. F) and the other end to the air outlet (Pic. G) on the device.
- If you need to use the mask, insert it directly onto the nebulizer (Pic. H).
- Plug the device into the wall socket, making sure that the main supply corresponds to the electrical rating of the device.
- To start the treatment, set the I/O switch into the "1" position.
- ATTENTION:** this device is for intermittent use: 20 min ON / 40 min OFF. * Do not use the product continuously for 20 minutes or longer.
- Wash the nebulizer and its accessories as described in the "CLEANING AND DISINFECTION OF THE ACCESSORIES" section.
- The device requires no calibration.
- When the treatment has been completed, switch the unit off by setting the I/O into the "0" position and disconnect the plug from the wall socket.
- Wash the nebulizer and its accessories as described in the "CLEANING AND DISINFECTION OF THE ACCESSORIES" section.
- Using the product continuously may heat it up.

CLEANING AND MAINTENANCE

The cleaning of the device must be carried out by using a soft and dry cloth and non-abrasive cleansers.

ATTENTION: During cleaning operations, make sure the internal parts of the unit are not in contact with liquids and that the power plug is disconnected.

CLEANING AND DISINFECTION OF THE ACCESSORIES

Follow carefully the cleaning and disinfection instructions of the accessories as they are very important for the device performances and the therapy success.

First Use and after each treatment:

The nebulizer must be cleaned with the mouthpiece, the masks and the hosepiece by using tap water, dip in boiling water for 5 minutes. Reassemble the nebulizer, mouthpieces, the masks and the hosepiece by using warm water.

2. Sterilization: Cleaning liquids may be used instead of boiling water, following the manufacturer's instructions.

REPLACEMENT OF THE NEBULIZER

The nebulizer must be replaced after a long period of inactivity, in case it shows deformations or breakings, or when the nebulizer is obstructed by dry medicine, dust, etc. It is recommended to replace the nebulizer after a period between 6 months and 1 year depending on the use. Use original nebulizer only.

REPLACEMENT OF THE AIR FILTER

The air filter must be replaced approximately after 500 working hours or after each year. It is recommended to periodically check the air filter (10 - 12 treatments) and, if the filter shows a gray or brown colour or is wet, replace it. Extract the filter (Pic. A) and replace it with a new one. Do not try to clean the filter for reusing it. The air filter shall not be serviced or maintained while in use with a patient.

REPLACEMENT OF THE ACCESSORY KIT

No. 8 to 14 in the figure are consumables. They are available to be purchased separately (model number: AT-GC202). When purchasing any of the above, use the local distributor.

Type original filters? *

DO NOT USE THE DEVICE WITHOUT FILTER.

POSSIBLE PROBLEMS AND HOW TO SOLVE THEM

PROBLEMS:

1. The device does not switch on.

2. The device does not nebulize or nebulizes weakly

SOLUTIONS:

1. Make sure the power plug is firmly fitted to the wall socket;

2. Make sure that the device has been operating within limits indicated in this manual (20 min ON / 40 min OFF).

3. Make sure that the ends of the air tube are tightly fitted to the main unit and nebulizer;

4. Verify that the nebulizer is not empty or has been filled with the proper quantity of medicine (max 8 ml).

SUSTITUCIÓN DEL VÍTOL DE LOS ACCESORIOS

Los artículos 8 al 14 de la figura son consumibles. Están disponibles para su compra por separado (número de modelo: AT-GC202). En el momento de comprar cualquiera de los artículos anteriores, póngase en contacto con su distribuidor local.

USO SOLO FILTROS ORIGINALES.

NO UTILICE EL APARATO SIN EL FILTRO.

POSSIBLES PROBLEMAS Y SOLUCIONES

PROBLEMAS:

1. El dispositivo no se enciende.

2. El dispositivo no nebuliza o nebuliza débilmente.

SOLUCIONES:

1. Asegúrese de que el dispositivo esté bien introducido en la toma de corriente.

2. Asegúrese de que el dispositivo haya funcionado dentro de los límites indicados en este manual (20 min ENCENDIDO/40 min APAGADO).

3. Asegúrese de que los extremos del tubo de aire están instalados con seguridad en la unidad principal y el nebulizador;

4. Compruebe que el nebulizador no está vacío o que se haya llenado con la cantidad de medicamento correcta (máx. 8 ml).

5. Compruebe que la boquilla del nebulizador no esté obstruida.

SI el dispositivo no vuelve a functionar correctamente, diríjase al distribuidor local.

MANTENIMIENTO Y REPARACIONES

En caso de avería, diríjase a su distribuidor local. No abra el dispositivo en ningún caso. La unidad no tiene partes reparables por el usuario y no necesita mantenimiento ni lubricación.

Especificaciones Técnicas

Modelo: GC806

Alimentación: Consulte la etiqueta de calificación.

Volumen: 0.35 ml/min (average)

Presión: 2.2 bar

Tamaño: 130 x 130 x 117 mm

Noise level: 52 dBA (average)

Expected service life: 1000 hours

Glass II device as regards protection against electric shocks.

Nebulizers, mouthpieces and masks are type BF applied parts.

Device not protected against sprays.

Device not suitable for use in presence of anaesthetic mixtures inflammable with air, oxygen or nitrogen protoxide.

NOTA: These technical specifications may change without prior notice.

CARACTERÍSTICAS DEL NEBULIZADOR SEGÚN LA NORMATIVA EN 13544-1 ANEXO CC

Flow: 5.31 l/min

Aerosol output: 0.11 ml

Particle size: 0.37 µm

APPENDIX 1: EN 60601-1

Electromagnetic Compatibility according to EN 60601-1-2

Class II Medical Device according to the 93/42/EEC Directive

Directive on Medical Devices

ENVIRONMENTAL CONDITIONS

Storage:

Temperature: MIN -20 °C - MAX +60 °C

Humidity: MIN 10 % RH - MAX 95% RH

Atmospheric pressure: 700 hPa - 1060 hPa

OPERATION

Temperature: MIN +10 °C - MAX +40 °C

Humidity: MIN 10 % RH - MAX 95 % RH

Atmospheric pressure: 700 hPa - 1060 hPa

DEVICE SYMBOLS

I ON

O OFF

~ ALTERNATING CURRENT

□ CLASS II EQUIPMENT

† TYPE BF APPLIED PART

CE0123 COMPLYING WITH THE 93/42/EEC DIRECTIVE

OPERATION	Temperature: MIN +10 °C - MAX +40 °C	Humidity: MIN 10 % RH - MAX 95 % RH	Atmospheric pressure: 700 hPa - 1060 hPa

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