

Air Compressor Nebulizer 408D User's Manual



**Please read this manual completely
before operating this unit.**

Congratulations on having purchased Medical Air Compressor Nebulizer! We warrant that this device has been produced using high quantity materials and it complies with the safety rules in force both domestically and internationally.

Drawing, Symbols, Abbreviation



Warning!



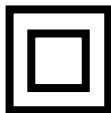
Fragile



Wet



Upper



II Type Equipment



B Type Applied Part



Power Off



Power On

Introduction

Your Compressor Nebulizer should be used under the supervision of a licensed physician and/or a respiratory therapist.

Thank you for purchasing our Compressor Nebulizer. With proper care and use, your Nebulizer will provide you with many years of reliable treatments.

This unit operates on standard AC power. Treatments are delivered quickly, safely and conveniently making this unit ideal for all ages.

We encourage you to thoroughly read this manual to learn about the features of your Nebulizer. Together with your physician and/or respiratory therapist, you can feel comfortable and confident knowing that you are obtaining the most effective inhalation treatments for your respiratory condition.

Productions Identification:



- A. Nebulizer mask**
- B. Switch**
- C. Nebulizer outlet**
- D. Filter**

Key components:

primary structure	Making
filter system	Felt
compressor	ZL102 die-casting aluminum alloy
electrical system	Power cord, switch, fuse wire
Atomizing system	PVC, PP
shell	ABS

Cautions

Product Cautions:

Please use general safety precautions when operating your Nebulizer.

This unit should be used only for (1) its intended purpose as described in this manual, and (2) with medications only under the supervision and instruction of your physician.

Read The Following Before Using

To avoid electrical shock: Keep unit away from water. Do not handle the unit or power cord with wet hands. Do not immerse the unit in liquid. Do not use while bathing. Do not reach for a unit that has fallen into water-immediately unplug the unit.

Do not use the unit if it has any damaged parts(including power cord or plug), if it has been submersed in water or dropped. Promptly send unit for examination and repair.

The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.

Keep the air vents open. Do not place the unit on a soft surface where the openings can be blocked.

If the medicine cup is empty, do not attempt to operate the unit.

If any abnormality occurs, discontinue use until the unit has been examined and repaired.

The unit should not be left unattended while plugged in.

Do not tilt or shake the unit when in operation.

Disconnect the unit from the electrical outlet before cleaning, filling and after each use.

Do not use attachments unless recommended by the manufacturer.

Operating Cautions

Close adult supervision is highly recommended when this unit is used by children or invalids.

Keep your eyes away from the output of medication mist.
The maximum capacity of the medicine cup is 13 cc and should not be overfilled.
Do not use this unit while operating a vehicle.
If any discomfort or abnormality occurs, stop using the unit immediately.

Storage Cautions

Do not store the unit in direct sunlight, high temperature or humidity.
Keep the unit out of reach of small children.
Always keep the unit unplugged while not in use.

Cleaning Cautions

Check the air filter, Nebulizer, mouthpiece, and any other optional components before each use.

Dirty or worn parts should be replaced.

Do not immerse the unit in water. It may damage the unit.

Disconnect the unit from the electrical outlet before cleaning.

Clean all necessary parts after each use as instructed in this manual.

Cleaning Procedures

Please consult with your physician or therapist prior to cleaning regarding the use of commercial disinfectants and appropriate cleaning methods.

Rinsing Technique (Performed after each treatment)

- 1) Make sure that the POWER switch has been turned to the “off” position and the unit has been disconnected from the power source.**
- 2) Disconnect the air tube from the base of the Nebulizer.**
- 3) Gently twist and pull up on the cover of the Nebulizer to open and operate.**
- 4) Rinse the Nebulizer and components with hot tap water.**
- 5) Dry with clean towels or allow to completely air dry.**
- 6) Reassemble the Nebulizer and store the parts in the Compressor’s storage compartment.**

Cleaning Technique(Performed after the last treatment of the day or before first time use):

- 1) Follow steps 1-4 under “Rinsing Technique”**
- 2) Wash all Nebulizer parts, mouthpiece and other optional components in warm water and a mild detergent. Rinse in hot tap water.**

Note: For first time cleaning or after the unit has been stored for an extended period of time, thoroughly clean all components, including the air tube. The Nebulizer is dishwasher safe.

- 3) Prepare a vinegar/distilled water solution of one part white vinegar to three parts distilled water.**
- 4) Submerge the rinsed parts in the vinegar/distilled water solution for 30 minutes.**
- 5) Follow steps 4-6 of “ Rinsing Technique”.**

Cleaning the Compressor

Wipe the compressor daily using a soft, slightly water-moistened cloth.

Note: Any other form of cleaning or cleaning agents may damage the finish on the unit.

Changing the Air Filter

It is important to change the air filter approximately every 30 days or when the air filter turns gray.

- 1) Remove the air filter cover by gently pulling forward**
- 2) Discard the gray air filter.**
- 3) Replace with a new, clean air filter**
- 4) Securely reattach the air filter cover to the unit.**

Note: Air filters cannot be cleaned or washed. Only Our air filters can be used. Do not substitute alternate material such as cotton. Do not operate without an air filter.

Assembling Your Nebulizer

Follow the cleaning instructions in this manual under “Cleaning Technique” prior to using your nebulizer for the first time or after it has been stored for an extended period of time.

Remember: Always unplug the Compressor and make sure the POWER switch is turned to the “ off” position before cleaning, assembling and before and after each use.

- 1) Place the Compressor on a flat, stable surface within reach, with the handle facing toward you.**
- 2) Open the storage compartment by lifting the lid. Remove the contents(Nebulizer, mouthpiece and air tube).**
- 3) Gently twist and pull straight up on the lid of the Nebulizer to separate into two parts(medicine cup and cover)**
- 4) Make sure that the orange jet is properly installed inside the medicine cup(The stem inside the medicine cup inserts into the tube of the orange jet).**
- 5) Add the prescribed amount of medication to the medication cup.**
- 6) Reassemble the Nebulizer by carefully twisting the medicine cup and cover together. Make sure that the two parts fit securely.**

Operating Your Nebulizer

Note: The Nebulizer is operable at up to a 45 degree angle.

- 1) Attach one end of the air tube connector to the air stem.**
 - 2) Carefully attach the opposite end of the air tubing connector to the stem at the base of the Nebulizer.**
 - 3) Attach the angled mouthpiece or optional mask to the top of the Nebulizer.**
- If using the optional tee adapter set,**
- a) Attach the tee adapter to the top of the Nebulizer**
 - b) Connect one end of the tee adapter to the straight mouthpiece and the other to the extension tube.**

Note: The tee adapter is not needed when using a mask.

- 4) Check that the POWER switch is in the “off” position. Plug the power cord into a main outlet.**
- 5) Press the POWER switch to the “ ON” position.**
- 6) Start your treatment according to your physician’s or therapist’s instructions.**
- 7) Once the treatment is complete, press the POWER switch to the “off” position and unplug the power cord from the outlet.**

IMPORTANT!

The Compressor will automatically shut off if it becomes overheated. If/When this happens, immediately:

- 1) Press the POWER switch to the “ off” position.**
- 2) Unplug the power cord from the outlet.**
- 3) Allow the motor to cool for 30 minutes.**

Before restarting the unit, make sure that the air vents are not obstructed.

After Every Use

- 1) Unplug the unit from the power source.**
- 2) Allow the unit to completely cool.**
- 3) Carefully detach the air tubing from the Nebulizer and pour out any remaining medication.**
- 4) Follow the cleaning procedures provided in this manual.**

Trouble Shooting

If any abnormality occurs during use, please check and correct the following:

Condition	Correction	Remarks
Unit does not operate when POWER switch is pressed.	Check the AC connection to the outlet	

No misting or low rate of misting	<ol style="list-style-type: none"> 1. Check that there is medication in the Nebulizer cup. 2. Check the Nebulizer for damage. 3. Check the position of the orange jet inside the Nebulizer. 4. Make sure that air tube and other components are properly attached. 5. Check the air filter and replace if necessary. 6. Check the air tube and replace if necessary. 	
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Replacement Parts

Replacements parts are available through your local retailer or they can be ordered by mail. See separate replacement part list for details.

Product Specification

Name and Model Number:	Air Compressor Nebulizer, # 408D,
Power:	AC 220V ± 22V, 50Hz ± 1Hz AC 110V ± 11V, 60Hz ± 1Hz
Current	0.8A
Power Consumption	80W
Medicine Capacity	5mL
Sound Level	≤ 58 dB (A)
Compressor Pressure Range	210kPa to 250 kPa
Operating Pressure Range	50 kPa -100 kPa
Nebulization Rate	≥ 0.2 mL/min
Operating Temperature Range	10°C -40°C
Operating Humidity Range	10% RH-90% RH
Storage Temperature Range	-20.0°C -70.0°C
Dimensions	220*140*245(mm³)
Weight	1.31KGS
Standard Accessories	Nebulizer, Air Tube, Angled Mouthpiece, Air Filters,
Optional Accessories	Tee Adapter set, Baby Pacifier Inhalator set, Child Mask, Adult Mask, Child's Mask, Air Filters

Specification are subject to change without notice.

Warning:

There must be Protection against electric shock on Class II Equipment and protection on Type B applied parts, such as mouthpiece, baby pacifier inhaler & mask.

Protection against harmful ingress of water- IPX0 (Ordinary)

Degree of safety in the presence of flammable anesthetics or oxygen –NO AP/APG (Not suitable for use in the presence of flammable anesthetics or oxygen)

Model of operation- continuous

Warranty

Our Brand product is warranted to be free of defects in materials and workmanship for the life time of the original consumer purchaser.

This device was built to exacting standards and carefully inspected prior to shipment. This warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service.

In the event of a defect covered by this warranty, we will , at our option, repair or replace the device.

This warranty does not cover device failure due to owner misuse or negligence, or normal wear. The warranty does not extend to nondurable components, such as film, which are subject to normal wear and need periodic replacement.

If you have a question about your device or this warranty, please contact an authorized dealer.



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