

# B. Well<sup>®</sup>

I n s t r u c t i o n s   f o r   u s e

## COMPRESSOR NEBULIZER MODEL: WN-117



READ THIS INSTRUCTION  
MANUAL CAREFULLY  
BEFORE USE

COMPRESSOR NEBULIZER MODEL: WN-117

# COMPRESSOR NEBULIZER

## MODEL NO.: WN-117

### INSTRUCTIONS FOR USE

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## 1. INTRODUCTION

Thank you for purchasing the Compressor Nebulizer. It is a compact medical device designed to efficiently deliver physician prescribed medication to the bronchial lung passages. With proper care and use, it will provide you with many years of reliable treatment.

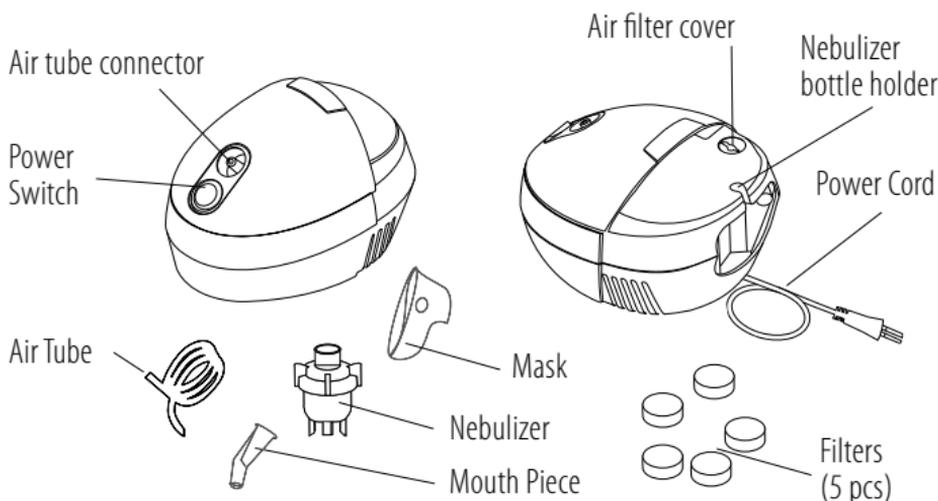
This product is developed for the successful treatment of asthma, allergies and other respiratory disorders. It creates a stream of air that travels through clear tube to the nebulizer. When air enters the nebulizer, it will convert the prescribed medication into aerosol mist for easy inhalation. Your Compressor Nebulizer should be used under the supervision of a licensed physician and/or a respiratory therapist.

We encourage you to thoroughly read this guidebook to learn about the features of this product. Any use of this product other than its intended use should always be avoided.

## 2. INTENDED PURPOSE

Nebulizers are used for inhalation therapy for asthma, chronic bronchitis, and other respiratory illnesses.

## 3. PRODUCT IDENTIFICATION



## 4. PRECAUTIONS

**ⓘ Note:** Read all instructions carefully before use.

The following basic precautions are needed when using an electrical product:

**⚠ Caution:** Failure to read and observe all precautions could result in personal injury or equipment damage.

**Warning:** No modification of this equipment is allowed

The power cord plug is the disconnect device. Not to place the equipment to unlevel place, which will make it difficult to operate the disconnection device.

### Product cautions:

1. To avoid electrical shock: Keep the unit away from water
  - Do not immerse the power cord or the unit in liquid
  - Do not use while bathing
  - Do not reach for a unit that has fallen into water – immediately unplug the unit.
2. Never operate the unit if it has any damaged parts (including power cord), if it has been dropped or submersed in water. Promptly send it to a service center for examination and repair.
3. The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.
4. Disconnect the unit from the electrical outlet before cleaning, filling and after each use.
5. Do not use other attachments unless recommended by manufacturer.

### Operating Cautions:

1. Connect this product to an appropriate voltage outlet for your model.
2. Do not run this product unattended.
3. Never operate if this unit has a damaged cord or plug, if it has been dropped, or in any way, into water, if it does not work properly. Return it to a service center for repair.
4. If any abnormality occurs, discontinue use immediately until the unit has been examined and repaired.

5. Always unplug the product immediately after use.
6. Never block the air openings of the main unit or place it where the air openings may be obstructed.

### Storage Cautions:

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

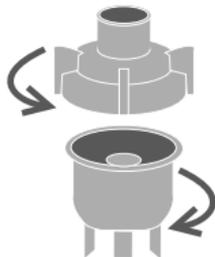
### Cleaning Cautions:

1. Do not immerse the unit in water. It may damage the unit.
2. Disconnect the unit from the electrical outlet before cleaning.
3. Clean all necessary parts after each use as instructed in this guidebook.

## 5. ASSEMBLING & OPERATING YOUR COMPRESSOR NEBULIZER

**i Note:** Prior to initial operation, the nebulizer should be thoroughly cleaned per the “Cleaning Procedures” in this guidebook.

1. Place your Compressor Nebulizer on a flat and stable surface. Be sure that you can easily reach the controls when you are seated.
2. Gently twist the top part of the nebulizer counter-clockwise to disassemble the nebulizer.
3. Consult with your physician to select an appropriate cone for the best treatment. Insert it to the bottom of nebulizer.
4. Fill the bottom section of the nebulizer with the medication prescribed by your physician. Be sure that the cone is put inside the bottom section.
5. Gently twist the top part clockwise to re-assemble the nebulizer. Be sure the two sections fit well.

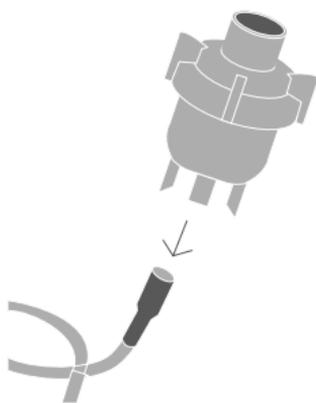


6. Attach one end of air tube to the base of the nebulizer
7. Attach the other end of air tube to the tube connector located on the front of the compressor.
8. Attach mouthpiece or mask per your choice to the top section of nebulizer.
9. Plug the power cord into an appropriate electrical outlet. Make sure at this stage, the power switch is at "OFF" status.
10. Press the power switch to "ON" status to begin your prescribed treatment.

**Important:**

The compressor motor has a thermal protector, which will shut off the unit before the unit is overheated. When the thermal protector shuts the unit off, please:

- a. Switch off the unit.
  - b. Unplug the unit from the electrical outlet.
  - c. Wait 30 minutes for the motor to cool down before another treatment. Make sure the air openings are not obstructed.
11. When treatment is finished, shut off the unit and unplug it from the electrical outlet.



## 6. CLEANING

It is recommended that the nebulizer and the mask (or any other patient accessory interface that is used) be thoroughly cleaned with hot water after each use and cleaned with a mild detergent after the last treatment of the day. If your physician or respiratory therapist specifies a different cleaning procedure, follow their instructions.

**⚠ Caution:** Before cleaning, make sure the power cord is disconnected from the main outlet and the unit.

### Rinsing Technique (after each treatment)

1. Make sure the power switch has been turned to "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 separate.
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

### **Cleaning Technique (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.
3. Prepare 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 under "Rinsing Technique"

### **Cleaning the compressor**

1. Wipe daily with a soft, slightly water-moistened cloth.
2. Do not use any powdered cleaners or soap pads which may damage the finish.

### **Filter change**

**⚠ Caution:** Do not use cotton or any other materials. Do not wash or clean the filter. Use only B.Well filters. And do not operate without a filter.

1. Change the filter every 30 days or when the filter turns gray.
2. Changing procedure:
  - A. Remove the filter cover
  - B. Replace the used filter with a new one.
  - C. Replace the filter cover.

## **7. REPLACEMENT PARTS & OPTIONAL ACCESSORIES**

Replacement parts are available through your local retailer or they can be ordered by mail. Optional accessories include child mask, adult mask, nose



piece and baby pacifier inhaler. The pacifier inhaler allows baby to receive aerosol treatment easily through normal breath.

The air-flow control device can control the release of air-flow, so the medicine can be saved when the treatment pauses



## 8. TROUBLESHOOTING

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

<b>Condition</b>	<b>Unit does not operate when POWER switch is pressed.</b>
Correction	Check the AC connection to the outlet.
<b>Condition</b>	<b>No misting or low rate of misting</b>
Correction	Check that there is medication in the Nebulizer cup Check the Nebulizer for damage. Check the position of the purple jet inside the Nebulizer. Make sure that air tube and other components are properly attached. Check the air filter and replace if necessary. Check the air tube and replace if necessary.

## 9. SPECIFICATIONS

Power	AC 230V 50 Hz
Power Consumption	Max 180 VA
Medication Capacity	5ml
Particle Size	0.5 to 10 $\mu\text{m}$
MMAD	4 $\mu\text{m}$
Sound Level	around 60 dBA
Average Nebulization Rate	0.2ml/min
Compressor Pressure Range	0.20 to 0.30Mpa (29 to 43.5 Psi)
Operating Pressure Range	0.056 to 0.09 Mpa (8 to 13.5 Psi)
Liter Flow Range	5.0to 8.0 Lpm
Operating Temperature Range	10°C to 40°C (50°F to 104°F)

Operating Humidity Range	UP to 95% RH
Storage Temperature Range	-25°C to 60°C (-13°F to 140°F)
Storage Humidity Range	UP to 95% RH
Transportation Humidity Range	UP to 95% RH
Measurement (L × W × H)	174 × 146 × 120 mm

## 10. SYMBOL INFORMATION

symbol      referent



Read instructions before use



Manufacturer's Name



European Representative's Name



Article number



Consignment number



Class II Equipment



Type BF equipment



Disposal for separate collection



CE mark

**⚠ Note:** Manufacturing date is encoded in the LOT number:  
two first numbers are numbers of the week, two other numbers are last numbers of the year.

## 11. LATEST REVISION

Date of issue: 25 April 2011

Latest revision: 16 April 2013

## Protection against electric shock



Class II Equipment



Type BF applied parts: Mouth piece, 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)

**Mode of operation** – 30 min “ON” / 30 min “OFF”



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**ISO9001 & ISO13485 Certified**

**This device complies with European Council Directive 93/42/EEC on Medical Devices**

# **B.Well**<sup>®</sup>

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