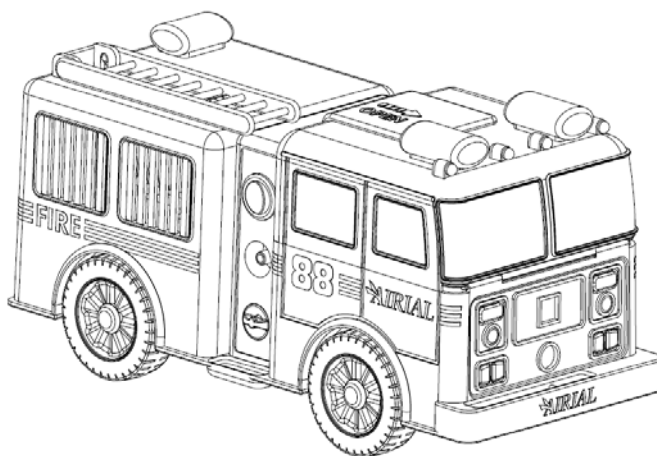


# ***Airial™***

## **Compressor Nebulizer**

### **Guidebook**

**MODEL: CN-01WJ**



**READ THIS INSTRUCTION  
MANUAL CAREFULLY  
BEFORE USE**

# Airial™

## Compressor Nebulizer

### INSTRUCTIONS

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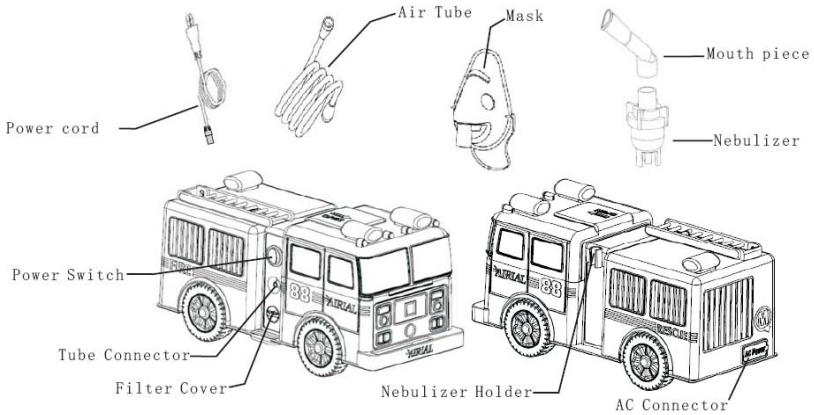
#### 1. INTRODUCTION

Thank you for purchasing the *Airial*™ Compressor Nebulizer. This product is a compact medical device designed to efficiently deliver physician prescribed medication to the bronchial lung passages for the treatment of asthma, allergies, COPD, and other respiratory ailments. With proper care and use, it will provide you with many years of reliable treatment.

The *Airial*™ is intended for use with a single adult, pediatric, or infant patient. This product creates a stream of air that travels through a clear tube to the nebulizer. When air enters the nebulizer, it will convert the prescribed medication into aerosol mist for easy inhalation.

Your *Airial*™ should be used on the order of physician. 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. PRODUCT IDENTIFICATION



## 3. IMPORTANT SAFEGUARDS

**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.

### 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), or 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 the unit if it has any damaged parts (including power cord), or if it has been dropped or submersed in water. Promptly send it to a service center for examination and 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 high humidity.
2. Keep the unit out of reach of small children.
3. Always keep the unit unplugged while not in use.

## Cleaning Cautions:

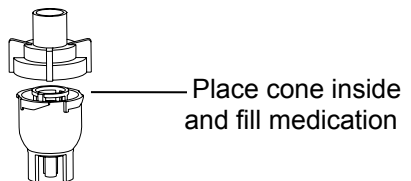
1. Do not immerse the unit in water. It may damage the unit.
2. Disconnect the unit from the electrical outlet before cleaning.
3. Clean all necessary parts after each use as instructed in this guidebook.

## Save These Instructions

### 4. OPERATING YOUR COMPRESSOR NEBULIZER

**Important:** Prior to initial operation, this product 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. 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.
4. Gently twist the top part clockwise to reassemble the nebulizer. Be sure the two sections fit well.
5. Attach one end of air tube to the base of the nebulizer.
6. Attach the other end of air tube to the air tube connector located on the front



of the compressor.

7. Attach the interface accessory of your choice to the top section of nebulizer.
8. Plug the power cord into an appropriate electrical outlet. Make sure at this stage, the power switch is at "OFF" status.
9. 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.
  - d. Make sure the air openings are not obstructed.
10. When treatment is finished, shut off the unit and unplug it from the electrical outlet.

**5. CLEANING**

It is recommended that the nebulizer and the mask (or other patient accessory interface used) are 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 (after each treatment)**

1. Disconnect the air tube from the nebulizer. Disconnect the mask or other patient accessory interface from the nebulizer.
2. Gently twist the top part of the nebulizer counter-clockwise to disassemble the nebulizer.
3. Rinse the nebulizer and mask (or other patient interface) with water.
4. Let these components air dry, away from direct sunlight.
5. Reassemble the nebulizer when completely dry and put these parts in a dry, sealed container.

## **Disinfecting**

Please follow the following steps to disinfect your nebulizer unless otherwise specified by your physician. It is suggested that the unit is disinfected after the last treatment of the day.

1. Use one part white vinegar with three parts distilled water. Make sure mixed solution is enough to submerge the nebulizer, mouthpiece and mask.
2. Complete Rinsing Steps 1-3.
3. Wash nebulizer, mouthpiece and mask in warm water and a mild detergent. Then wash them in hot tap water.
4. Submerge these parts in the vinegar and water solution for thirty minutes.
5. Complete Rinsing Steps 3-5.

## **Cleaning the Compressor**

1. Wipe daily with a damp cloth.
2. Do not use any powdered cleaners or soap pads, which may damage the finish.

## **Filter change**

### **Caution:**

Do not operate the compressor without a filter. Only use filters supplied by your distributor. Do not wash or clean the filter.

1. Changing procedure:
  - A. Remove the filter cover
  - B. Replace the used filter with a new filter.
  - C. Replace the filter cover.

## **6. REPLACEMENT PARTS AND ACCESSORIES**

Contact your healthcare distributor for replacement parts or accessories.

## 7. SPECIFICATIONS

Power	AC 120V, 60Hz / 230V, 50Hz
Current	1.5A / 0.8A
Medication Capacity	5ml
Particle Size	0.5 to 10 $\mu$ m
MMAD	4 $\mu$ m
Sound Level	Around 60 dBA
Maximum Medication capacity	13ml (cc)
Average Nebulization Rate	0.2ml/min
Compressor Pressure Range	25 to 42 Psi (0.17 to 0.29 Mpa)
Operating Pressure Range	8 to 13 Psi (0.056 to 0.090 Mpa)
Liter Flow Range	5 ~ 8 lpm
Operating Temperature Range	10°C to 40°C (50°F to 104°F)
Operating Humidity Range	10 to 95% RH
Storage Temperature Range	-20°C to 70°C (-4°F to 158°F)
Storage Humidity Range	10 to 95 % RH
Dimension (L x W x H)	319x141x170mm (12.56" x 5.55" x 6.69")
Weight	4.96Lbs (2.25kg <sub>s</sub> )
Standard Accessories	Mouth Piece, Nebulizer, Air Tube, Filters (5pcs), Child Mask.

Protection against electric shock



- Class II Equipment



- Type BF applied parts:  
- Mask, baby pacifier

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 – 20 min on & 40 min off

## **8. WARRANTY**

MedQuip Inc. warrants this Aerial product to be free from defects in material and workmanship for lifetime. This warranty is valid for the original purchaser only.

Any alterations, abuse, misuse or accidental damage voids this warranty. Please complete and mail back the warranty card within 1 month of purchase in order for the machine to be under warranty.

**Save These Instructions**