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> BUYDIF Portable Compressor Nebulizer Instruction Manual

BUYDIF B09XMDBTNW

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Model: B09XMDBTNW

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, maintenance, and troubleshooting of your BUYDIF Portable Compressor Nebulizer. Please read this manual thoroughly before operating the device and retain it for future reference. This device is designed to deliver prescribed medication to the airways for respiratory therapy.

2. SAFETY INFORMATION

Always consult your physician or healthcare provider before using this nebulizer or any respiratory therapy device. Follow their instructions regarding medication, dosage, and frequency of use. Do not modify the device. Keep out of reach of children. Ensure the device is placed on a stable, flat surface during operation. Unplug the device when not in use or during cleaning.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1 x Nebulizer Machine
- 1 x Valve Cap
- 1 x Air Tube

- 1 x Mouthpiece
- 1 x Adult Mask
- 1 x Child Mask
- 8 x Filters (plus 2 pre-installed, total 10)
- 1 x T-Connector
- 1 x Valve
- 1 x Nozzle Attachments
- 1 x Instruction Manual
- 1 x Strap
- 1 x Plug-in Power Cord (120V AC)



Figure 3.1: All components included in the BUYDIF Portable Compressor Nebulizer package.

4. PRODUCT OVERVIEW

The BUYDIF Portable Compressor Nebulizer utilizes advanced compressed air technology to produce a stable and consistent mist with fine particles (0.5-5 μ m) for effective respiratory therapy. It features a low-noise design (\leq 50dB) and adjustable mist output for personalized treatment.

Key Features:

- **Efficient Nebulization:** Produces fine particles for optimal medication delivery.
- **Quiet Operation:** New generation silent motor and shock-absorbing base for reduced noise.
- **Adjustable Mist Output:** Rotate the valve cup to control mist density (0-90 degrees for thin to medium, 90-180 degrees for medium to dense).
- **One-Button Operation:** Simple and user-friendly for all ages.
- **Compact Design:** Desktop unit suitable for home use.



Figure 4.1: Labeled diagram of the nebulizer machine components and dimensions.



Figure 4.2: Detailed view of key features: Premium Filter, Shockproof Foot Pads, Safety Switch, and Cup Holder Design.

5. SETUP

Follow these steps to prepare your nebulizer for use:

1. **Clean Components:** Before first use, clean all detachable parts (medication cup, masks, mouthpiece, air tube) according to the cleaning instructions in Section 7.
2. **Insert Filter:** Locate the filter cover on the side of the nebulizer unit. Gently pry it open and insert a new filter cotton. Close the cover securely.
3. **Connect Air Tube:** Attach one end of the air tube to the air outlet on the nebulizer machine and the other end to the bottom of the medication cup.
4. **Prepare Medication Cup:** Open the medication cup. Add the prescribed amount of medication or saline solution, ensuring it does not exceed the 8ml maximum fill line. Close the cover snap until it clicks securely.
5. **Attach Accessory:** Connect either the mouthpiece, adult mask, or child mask to the top of the medication cup, depending on the user's needs.
6. **Connect Power:** Plug the power cord into the nebulizer unit and then into a standard 120V AC electrical outlet.



Figure 5.1: Visual guide for the initial setup of the nebulizer.

How to Use liquid Cup?



Add <8 ml of solution to the liquid cup.



Close the cover snap until it clicks.



Install the mask/mouthpiece to the liquid cup.



Whirl the cap to adjust the atomization rate.

Figure 5.2: Detailed steps for preparing the liquid cup and adjusting mist output.

6. OPERATING INSTRUCTIONS

Once the nebulizer is set up, follow these steps for operation:

1. **Power On:** Press the power switch located on the nebulizer unit to turn on the device. The nebulizer will begin to produce mist.
2. **Adjust Mist Output:** If desired, rotate the valve cup on the medication cup to adjust the mist output. Turning it from 0-90 degrees will provide a thin to medium mist, while 90-180 degrees will provide a medium to dense mist.
3. **Begin Treatment:** Place the mouthpiece in your mouth or position the mask securely over your nose and mouth. Breathe normally and deeply to inhale the mist.
4. **Complete Treatment:** Continue treatment until the medication cup is empty or as directed by your healthcare provider. The treatment typically lasts 5-15 minutes, depending on the medication volume.
5. **Power Off:** Once treatment is complete, press the power switch to turn off the nebulizer. Unplug the

device from the power outlet.



Figure 6.1: Adjustable atomization speed for mist control.

7. MAINTENANCE AND CLEANING

Regular cleaning and maintenance are crucial for the proper functioning and longevity of your nebulizer. Clean the device after each use.

Daily Cleaning:

1. **Disassemble:** Disconnect the air tube, medication cup, mouthpiece/mask from the main unit.
2. **Rinse:** Rinse the medication cup, mouthpiece, and mask thoroughly with warm tap water.
3. **Dry:** Allow all parts to air dry completely on a clean cloth or paper towel. Do not use a towel to dry the inside of the medication cup as it may leave lint.

Weekly Disinfection (or as recommended by your physician):

1. **Prepare Solution:** Prepare a solution of one part white vinegar to two parts distilled water, or use a commercially available nebulizer disinfectant.
2. **Soak:** Soak the cleaned medication cup, mouthpiece, and mask in the disinfectant solution for 30 minutes.
3. **Rinse and Dry:** Rinse all parts thoroughly with sterile water and allow them to air dry completely.

Filter Replacement:

The air filter should be checked regularly and replaced every 1-3 months, or sooner if it appears discolored or clogged. Always use genuine replacement filters.

8. TROUBLESHOOTING

If you encounter issues with your nebulizer, refer to the following common solutions:

Problem	Possible Cause	Solution
No mist produced	Power not connected; Air tube disconnected; Medication cup empty or improperly assembled; Filter clogged.	Ensure power cord is securely plugged in; Reconnect air tube; Check medication level and reassemble cup correctly; Replace air filter.
Mist is weak or inconsistent	Medication level too low; Air tube kinked or blocked; Filter clogged; Valve cup adjustment.	Add more medication (do not exceed 8ml); Straighten air tube; Replace air filter; Adjust valve cup for desired mist density.
Unusual noise during operation	Device not on a flat surface; Internal component issue.	Place on a stable, flat surface; If noise persists, contact customer support.

If the problem persists after attempting these solutions, please contact BUYDIF customer support for assistance.

9. SPECIFICATIONS

- **Brand:** BUYDIF
- **Model:** B09XMDBTNW
- **Particle Size:** 0.5-5µm
- **Nebulization Rate:** Approximately 0.15-0.35ml/min
- **Noise Level:** ≤50dB
- **Power Input:** 120V AC, 60Hz
- **Maximum Solution Capacity:** 8ml
- **Package Dimensions:** 10.31 x 8.15 x 5.12 inches

- **Item Weight:** 3.67 pounds (1.67 Kilograms)
- **Material:** PVC
- **Color:** Blue, White

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the warranty card included with your product or contact BUYDIF customer service directly. Please have your model number (B09XMDBTNW) and purchase date available when contacting support.