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HANGSUN CN680

Hangsun CN680 Compact Compressor Nebulizer User Manual

Model: CN680 | Brand: HANGSUN

Introduction

Thank you for choosing the Hangsun CN680 Compact Compressor Nebulizer. This device is designed to deliver medication in the form of a fine mist for inhalation, providing effective respiratory therapy for both children and adults. Please read this manual thoroughly before first use to ensure safe and proper operation, maintenance, and care of your nebulizer.



Figure 1: Hangsun CN680 Compact Compressor Nebulizer with adult mask and tubing.

Important Safety Information

Always follow basic safety precautions when using electrical products, especially when children are present. Failure to do so could result in serious injury or death.

- Read all instructions before use.
- Do not operate the device if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged.
- Keep the power cord away from heated surfaces.

- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked.
- Do not use while sleeping or drowsy.
- Do not use outdoors or operate where aerosol (spray) products are being used or where oxygen is being administered.
- Always unplug the product immediately after using.
- This product is intended for use with prescribed medication only. Consult your physician and/or pharmacist to determine if your medication is approved for use with this nebulizer.

Product Overview and Components

The Hangsun CN680 Nebulizer is designed for ease of use and portability. Familiarize yourself with its components before operation.



Figure 2: Labeled diagram of the Hangsun CN680 Nebulizer components.

Key Components:

- **Main Unit:** The compressor base that generates compressed air.

- **Flip Top Lid:** Covers the integrated accessory case.
- **Power Switch:** To turn the device on and off.
- **Air Plug:** Connection point for the inhalation tube.
- **Medication Cup:** Holds the liquid medication for nebulization.
- **Inhalation Tube:** Connects the main unit to the medication cup.
- **Adult Mask:** For adult users.
- **Child Mask:** For pediatric users (included in kit).
- **Mouthpiece:** Alternative to masks for direct inhalation (included in kit).
- **Integrated Accessory Case:** Convenient storage for accessories.
- **Rubber Feet:** Provide stability during operation.



Figure 3: Hangsun CN680 Nebulizer with packaging and included accessories.

Setup

Follow these steps to prepare your nebulizer for use:

1. **Unpack:** Carefully remove the nebulizer and all accessories from the packaging. Inspect for any damage.
2. **Place the Unit:** Place the main compressor unit on a flat, stable surface, ensuring the air vents are not

obstructed.

3. **Connect Air Tube:** Connect one end of the inhalation tube to the air plug on the main unit.
4. **Prepare Medication Cup:** Open the medication cup and pour the prescribed amount of medication into it. Do not overfill. Securely close the medication cup.
5. **Attach Medication Cup:** Connect the other end of the inhalation tube to the bottom of the medication cup.
6. **Attach Mask/Mouthpiece:** Attach the appropriate mask (adult or child) or mouthpiece to the top of the medication cup.
7. **Power Connection:** Plug the power cord into a standard electrical outlet (230 Volts).

Operating Instructions

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

1. **Positioning:** Sit upright in a comfortable position.
2. **Turn On:** Press the power switch to turn on the nebulizer. The compressor will start, and a fine mist will begin to emerge from the mask or mouthpiece.
3. **Inhale:** Place the mask over your nose and mouth, or place the mouthpiece between your teeth and seal your lips around it. Breathe normally and deeply through your mouth until the medication cup is empty or the mist stops. This typically takes 5-10 minutes, depending on the medication volume.
4. **Turn Off:** Once the treatment is complete, press the power switch to turn off the device.
5. **Unplug:** Unplug the power cord from the electrical outlet.



Figure 4: Illustrative use of the Hangsun CN680 Nebulizer, demonstrating compressed air technology for efficient medication delivery.



Figure 5: Key features of the Hangsun CN680 Nebulizer, including quiet operation and suitability for all ages.

Maintenance and Cleaning

Regular cleaning and maintenance are essential for the proper functioning and longevity of your nebulizer.

Daily Cleaning (After Each Use)

1. Disconnect the inhalation tube, medication cup, mask/mouthpiece from the main unit.
2. Wash the medication cup, mask/mouthpiece, and inhalation tube in warm water with a mild detergent.
3. Rinse thoroughly under running water for two minutes.
4. Air dry the components completely on a clean paper towel.

Disinfection (Once a Week or as Needed)

1. Prepare a solution of one part white vinegar to three parts distilled water, or use a commercially available nebulizer disinfectant.
2. Soak the cleaned medication cup, mask/mouthpiece, and inhalation tube in the solution for 30 minutes.

3. Remove components and rinse thoroughly under running water.
4. Air dry completely before storing.

Compressor Unit Cleaning

- Wipe the exterior of the compressor unit with a clean, damp cloth. Do not immerse the unit in water.
- Ensure the unit is unplugged before cleaning.

Filter Replacement

The air filter should be checked regularly and replaced when it appears discolored or every 30 days, whichever comes first. To replace:

1. Locate the filter cap on the side of the main unit.
2. Remove the cap and replace the old filter with a new one.
3. Securely replace the filter cap.

Storage

Store the nebulizer and its accessories in the integrated accessory case in a clean, dry place when not in use. Keep out of reach of children.

Troubleshooting

If you encounter any issues with your Hangsun CN680 Nebulizer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device does not turn on.	Power cord not securely plugged in. No power from outlet.	Ensure power cord is firmly plugged into both the device and a working electrical outlet. Check the circuit breaker.
No mist or weak mist production.	Medication cup empty. Air tube kinked or disconnected. Filter clogged. Medication cup components not assembled correctly.	Refill medication cup. Check and straighten air tube connections. Replace air filter. Reassemble medication cup components according to instructions.
Device is unusually noisy.	Device not on a flat, stable surface. Internal issue.	Ensure the device is on a flat, stable surface. If noise persists, contact customer support.

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

Specifications

Detailed technical specifications for the Hangsun CN680 Compact Compressor Nebulizer:



Figure 6: Dimensions of the Hangsun CN680 Nebulizer, highlighting its compact design.

Feature	Specification
Manufacturer	Hangsun
Model Number	CN680
Product Dimensions (L x W x H)	28 x 18 x 8.5 cm (11.0 x 7.0 x 3.5 inches)
Item Weight	1.71 Kilograms (3.77 lbs)
Power Source	Corded Electric
Voltage	230 Volts
Noise Level	60 Decibels
Medication Cup Capacity	10 Milliliters

Feature	Specification
Special Features	Quiet Operation
Included Components	Main unit, Inhalation tube, Medication cup, Adult mask, Child mask, Mouthpiece

Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact Hangsun customer service directly. Keep your purchase receipt as proof of purchase.

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