

Omron NE-C29

Omron NE-C29 Compressor Nebulizer Instruction Manual

Model: NE-C29

1. INTRODUCTION

The Omron NE-C29 Compressor Nebulizer is designed for the efficient treatment of asthma, allergies, and other respiratory disorders. This device utilizes Omron's unique Virtual Valve Technology (V.V.T.) to ensure effective medication delivery with minimal residual medication.

Key features include:

- Efficient delivery of medication.
- High nebulization rate for optimized treatment duration.
- Durable, long-lasting, and heavy-duty performance.
- Minimal residual medication (less than 0.7ml).
- Easy to operate and maintain with a safe and easy-to-clean nebulizer kit.
- Autoclavable nebulizer kit for sterilization.

2. PRODUCT COMPONENTS

The Omron NE-C29 Compressor Nebulizer package includes the following items:

- Compressor Unit
- Nebulizer Kit (medication cup, top section, mouthpiece adapter)
- Air Tube
- 5 pieces of Replacement Air Filters
- Mouthpiece
- Adult Mask
- Child Mask
- Instruction Manual (this document)

3. SETUP AND ASSEMBLY

Follow these steps to set up your Omron NE-C29 Compressor Nebulizer for use:

1. **Place the Compressor:** Position the compressor unit on a flat, stable surface where it can be easily accessed and is near a power outlet. Ensure adequate ventilation around the unit.
2. **Connect the Air Tube:** Firmly insert one end of the air tube into the air tube connector on the compressor unit.
3. **Assemble the Nebulizer Kit:**
 - Ensure the medication cup is clean.
 - Attach the top section of the nebulizer kit to the medication cup by twisting it securely.
 - Insert the other end of the air tube into the air tube connector at the bottom of the nebulizer kit.
4. **Attach Accessory:** Connect either the mouthpiece, adult mask, or child mask to the top of the nebulizer kit, depending on the user's requirement.



Image 1: The Omron NE-C29 Compressor Nebulizer unit with the nebulizer kit, mouthpiece, and air tube connected, ready for use. The compressor unit is white with grey accents, and the air tube and nebulizer kit are translucent with blue connectors.

4. OPERATING INSTRUCTIONS

Once the nebulizer is assembled, follow these steps for proper operation:

1. **Prepare Medication:** Open the nebulizer kit and pour the prescribed amount of medication into the medication cup. Do not overfill.
2. **Close Nebulizer Kit:** Securely close the nebulizer kit by twisting the top section back onto the medication cup.
3. **Connect to Power:** Plug the compressor unit's power cord into a suitable electrical outlet.
4. **Start Treatment:** Press the power switch on the compressor unit to turn it on. The nebulizer will begin producing a fine mist.

5. Inhale Medication:

- If using a mouthpiece, place it between your teeth and seal your lips around it. Breathe in slowly and deeply through your mouth, then exhale slowly.
 - If using a mask, place it over your nose and mouth, ensuring a comfortable seal. Breathe normally.
6. **Continue Treatment:** Continue breathing until all the medication has been nebulized, or until the mist stops forming. This typically takes 5-15 minutes, depending on the medication volume and nebulization rate.
7. **Turn Off Unit:** Once treatment is complete, press the power switch to turn off the compressor unit and unplug it from the power outlet.

5. MAINTENANCE AND CLEANING

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

5.1 Cleaning the Nebulizer Kit

1. **Disassemble:** After each use, disassemble the nebulizer kit (medication cup, top section, mouthpiece/mask).
2. **Wash:** Wash all disassembled parts in warm water with a mild detergent. Rinse thoroughly under running water.
3. **Disinfect (Daily):** For daily disinfection, boil the parts (excluding the air tube and masks) in clean water for approximately 15-20 minutes, or use a commercially available disinfectant solution as per its instructions. The nebulizer kit is autoclavable.
4. **Dry:** Allow all parts to air dry completely on a clean cloth or paper towel before reassembling or storing.

5.2 Cleaning the Compressor Unit

Wipe the exterior of the compressor unit with a soft, damp cloth. Do not immerse the compressor unit in water or use abrasive cleaners.

5.3 Replacing Air Filters

The air filter should be checked regularly and replaced when it appears discolored or after approximately 60 days of use, whichever comes first. Your package includes 5 replacement filters.

1. Locate the filter cap on the side of the compressor unit.
2. Remove the filter cap and pull out the old filter.
3. Insert a new filter into the filter cap.
4. Replace the filter cap securely.

6. SPECIFICATIONS

Specification	Detail
Model	NE-C29
Type	Compressor Nebulizer

Specification	Detail
Electrical	230V, 50Hz model
Power Consumption	138 VA
Nebulization Rate	0.4 ml/min (without cap)
Particle Size (MMD)	Approximately 5 micrometers (based on EN13544-1)
Medication Cup Capacity	7 ml max
Approximate Medication Quantities	2 - 7 ml
Operating Temperature / Humidity	+10°C to +40°C, 30 to 85% RH
Storage Temperature / Humidity	-20°C to +60°C, 10 to 95% RH
Weight (compressor only)	Approx. 2.3 kg
Dimensions (W x H x D)	Approx. 186 x 180 x 216 mm

7. TROUBLESHOOTING



This section provides general guidance for common issues. For specific problems not addressed here, please refer to the full user manual provided with your product or contact Omron customer support.

- **No Mist Production:** Ensure the nebulizer kit is correctly assembled, the air tube is securely connected to both the compressor and the nebulizer kit, and the medication cup contains sufficient liquid. Check that the power cord is properly plugged in and the unit is switched on.
- **Weak Mist:** Verify that the air filter is clean and not clogged. Replace if necessary. Ensure all connections are tight and there are no leaks in the air tube or nebulizer kit.
- **Unusual Noise:** If the compressor makes an unusual or loud noise, turn off the unit immediately and unplug it. Check for any obstructions or loose parts. If the issue persists, contact customer support.

8. WARRANTY AND SUPPORT

The Omron NE-C29 Compressor Nebulizer is manufactured by Omron. For warranty information, service, or technical support, please refer to the warranty card included with your product or contact Omron customer service directly. Details regarding warranty coverage periods and terms are typically provided with the purchase documentation.

Related Documents - NE-C29

	<p>OMRON NE-C28 Compressor Nebulizer User Manual</p> <p>Comprehensive user manual for the OMRON NE-C28 Compressor Nebulizer, covering setup, operation, cleaning, maintenance, troubleshooting, safety precautions, and specifications for effective and safe use of the device for respiratory therapy.</p>
	<p>OMRON C101 Essential Compressor Nebulizer User Manual</p> <p>User manual for the OMRON C101 Essential compressor nebulizer, providing detailed instructions on intended use, safety precautions, operation, cleaning, disinfection, troubleshooting, technical specifications, and warranty information.</p>
	<p>OMRON NE-C28 Compressor Nebulizer User Manual and Instructions</p> <p>Comprehensive guide to the OMRON NE-C28 Compressor Nebulizer, covering setup, operation, maintenance, and troubleshooting for effective respiratory therapy.</p>
	<p>OMRON NE-C801KD Compressor Nebulizer: Instruction Manual</p> <p>User guide for the OMRON NE-C801KD COMP A-I-R Compressor Nebulizer. Covers setup, operation, safety, maintenance, and troubleshooting for respiratory therapy. Developed with respiratory therapists for conditions like asthma.</p>
	<p>OMRON NE-C102-E Total Compressor Nebulizer User Manual</p> <p>Comprehensive user manual for the OMRON NE-C102-E Total Compressor Nebulizer, providing instructions on operation, maintenance, troubleshooting, and technical specifications for respiratory therapy and nasal care.</p>
	<p>OMRON NE-C803 Compressor Nebulizer Instruction Manual</p> <p>This instruction manual provides detailed guidance on the safe and effective use of the OMRON NE-C803 Compressor Nebulizer, including setup, operation, cleaning, maintenance, and troubleshooting.</p>