

Cleaning and Replacing Nebulizer Parts

After every use, daily, weekly, and the replacement schedule that keeps the device working

AN UNCLEANED NEBULIZER STOPS WORKING PROPERLY LONG BEFORE IT LOOKS DIRTY

Residue narrows the tiny opening inside the medication cup. The device keeps running, the treatment takes longer, and less of it reaches the lungs.

DEVICE NS-NEB120 compressor with reusable nebulizer cup	CLEANING TIME About 5 minutes after each use	WEEKLY DISINFECTION About 30 minutes, mostly unattended	FULL MANUAL Supplied in the box
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THE FOUR-PART ROUTINE

WHEN	WHAT TO DO	HOW LONG	WHY
After every treatment	Disconnect the cup from the tubing. Take the cup apart. Rinse all parts except the tubing and the mask strap in warm running water for 30 seconds. Shake off water and air dry completely on a clean towel.	5 minutes	Removes medication residue before it dries and hardens in the nozzle
Once daily	Wash the same parts in warm water with a small amount of liquid dish soap. Rinse thoroughly. Air dry completely.	10 minutes	Removes the film that plain rinsing leaves behind
Once weekly	Disinfect using the method listed in the table below. Rinse with sterile or distilled water if the method requires it. Air dry completely before reassembly.	30 minutes	Reduces microbial growth in a warm, moist device
Monthly	Check the compressor air filter. Replace it if it is grey, discolored, or damp. Wipe the compressor housing with a dry cloth.	5 minutes	A blocked filter reduces airflow and shortens compressor life

APPROVED WEEKLY DISINFECTION METHODS

METHOD	PROCEDURE	RINSE AFTER?
Vinegar soak	1 part white vinegar to 3 parts warm water, soak 1 hour	Yes, with sterile or distilled water
Boiling	Boil parts in water for 5 minutes (only parts marked boil-safe)	No
Dishwasher	Top rack, hot cycle, only parts marked dishwasher-safe	No
Electric steam sterilizer	Follow the sterilizer manufacturer's instructions	No

Use only one method per week. Check the parts list in your full manual before boiling or using a dishwasher; not every component tolerates heat.

NEVER DO THESE

Tubing: The tubing cannot be cleaned effectively and must never be washed. Water inside the tubing cannot be removed and will grow microorganisms.

- Do not wash, rinse, boil, or soak the air tubing. Replace it instead.
- Do not put the compressor unit in water or run water over it.
- Do not dry parts with a paper towel or cloth — lint stays behind. Air dry only.
- Do not reassemble parts while they are still damp.
- Do not share a nebulizer cup, mask, or mouthpiece between people.
- Do not use a cracked cup or a mask with a torn seal.

REPLACEMENT SCHEDULE

PART	PART NUMBER	REPLACE EVERY	REPLACE SOONER IF
Nebulizer cup assembly	NS-NC120	6 months	Treatments take longer, the mist looks weaker, or the cup is cracked or cloudy
Air tubing	NS-TB06	6 months	Moisture or discoloration is visible inside the tube
Mouthpiece	NS-MP01	6 months	Cracked, warped, or discolored
Mask, adult	NS-MA02	6 months	The seal is torn, stiff, or no longer conforms
Mask, pediatric	NS-MA03	6 months	Same as above, or the child has outgrown it
Compressor air filter	NS-AF10	Monthly	Grey, discolored, or damp at any time

Replacement intervals assume normal daily use. Heavier use requires more frequent replacement. Your insurance plan or supplier may have its own resupply schedule.

SIGNS THE DEVICE IS NOT PERFORMING CORRECTLY

- A treatment that used to take about 10 minutes now takes noticeably longer.
- The mist is visibly thinner, sputtering, or intermittent.
- The compressor is louder than usual or vibrates more than usual.
- Liquid remains in the cup at the end of a treatment when it previously did not.
- The device runs but you cannot feel or see any mist.

Important: If cleaning and replacing the cup, tubing, and filter does not resolve the problem, stop using the device and contact support. Do not attempt to repair the compressor. If you are having difficulty breathing, follow your own action plan or seek care — do not spend time troubleshooting equipment.

FICTIONAL SPECIMEN. Northstar Devices, the NS-NEB120, its part numbers, replacement intervals, and cleaning methods are invented for demonstration only. This is not real device labeling and not medical advice. Always follow the cleaning instructions supplied with your own equipment.