

# Maintenance Guide

## Model 3050 SportNeb ■ 35 PSI Compressor Nebulizer

### Introduction

This manual was created to give our customers maximum satisfaction from the purchase of the Model 3050 SportNeb Compressor Nebulizer. This manual outlines the purpose of this device and its operational parameters and specifications, gives guidance on cleaning and maintenance of the unit, and offers some simple instructions on troubleshooting and repair of the compressor.

**NOTE:** This manual should be used along with the Owner's Manual supplied with the original purchase of this device, as well as the repair parts list available from Medical Industries America Inc.

### Purpose of the SportNeb

To provide pressure and flow of air to a handheld nebulizer device.

### IEC Classification/Glossary

- Equipment Classification with respect to protection from electric shock: **CLASS II**
- Degree of protection from electric shock: **TYPE BF**
- Degree of protection against ingress of liquids: **ORDINARY**
- Equipment not suitable for use in the presence of flammable anaesthetic mixture with air or with nitrous oxide.
- Mode of Operation: **CONTINUOUS**



### Operating Parameters & Specifications

POWER:	120V AC, 60Hz, 1.8A or 230V AC, 50/60Hz 1.1/.82A
SIZE:	7.5" x 4.5" x 7.5" (19 cm x 11.5 cm x 19 cm)
WEIGHT:	120V models: 3.75 lbs (1.7 kg) 230V models: 4.30 lbs (1.9 kg)
OPERATING TEMPERATURE:	Ambient Temperature Range (40 °C max/10 °C min) 104 °F - 50 °F
STORAGE:	Room Temperature Preferred
FUSE (for fused models only):	3.15A5 mm x 20 mm fuse



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## Cleaning & Maintenance

**CAUTION:** Never submerge the SportNeb compressor in water, hold under running water or spray with water or other liquids. This will result in compressor damage.

### Compressor Cleaning

1. Make sure the ON/OFF switch is in the OFF position.
2. Unplug the compressor from the wall outlet.
3. Wipe the compressor with a clean, damp cloth every 2-3 days. This will keep the unit dirt and dust-free.

### Nebulizer Cleaning

1. Please refer to the instruction sheet supplied with your disposable nebulizer.
2. Make sure the ON/OFF switch is in the OFF position.
3. Unplug the cord from the wall outlet.
4. Disconnect tubing from the flow outlet on the compressor. Disconnect tubing from the nebulizers. Set the tubing aside.
5. Remove the nebulizer cap by turning counterclockwise.
6. Remove nebulizer baffle by grasping and pulling from the chamber.
7. Rinse with hot tap water after every use.
8. Soak nebulizer daily in 3 parts hot water to 1 part vinegar for 30 minutes.
9. Rinse under hot tap water and air dry.

**NOTE:** The disposable nebulizer is designed for single patient use.

**WARNING:** To prevent possible risk of infection due to contamination, clean the nebulizer after each aerosol treatment, always use a fresh cleaning solution and do not towel dry the nebulizer components after cleaning.

## Filter Change

Your AeroMax compressor comes with a packet of extra inlet filters. Please contact your local dealer to obtain additional filters.

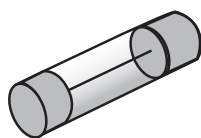
1. Check your external filter at least once per month. The filter should be changed when it begins to turn brown or gray in color.
2. Remove the filter cap by grasping cap and pulling straight out.
3. Remove dirty filter and discard.
4. Replace with a new filter.
5. Replace cap and push into position.

## Fuse Change

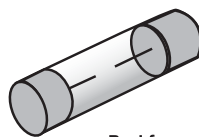
**NOTE:** This section applies only for models equipped with fuse on the side of the unit.

The fuse holder is located near the flow outlet. If unit is not turning on, even when correctly plugged in and switched on, the fuse should be checked and replaced if necessary. Follow these steps:

1. Unplug device from outlet.
2. Using small flat screwdriver twist the fuse holder cap counterclockwise and pull out.
3. Check the fuse by observing if the fuse element is complete, broken or gone.
4. Replace if necessary.



Good fuse



Bad fuse

## Troubleshooting Guide

### PROBLEM

Reduced air output.

### POSSIBLE CAUSE AND SOLUTION(S)

1. Dirty inlet filter.  
**SOLUTION**  
Replace inlet filter.  
Follow instructions in this guide.

### PROBLEM





Compressor does not start.

### POSSIBLE CAUSE AND SOLUTION(S)

1. Power cord not plugged in.  
**SOLUTION**  
Plug in the power cord.
2. Defective switch.  
**SOLUTION**  
Open the machine and replace power switch.
3. Backed up pressure in the compressor.  
**SOLUTION**  
Disconnect nebulizer and hose from the unit and turn the machine on.
4. Bad fuse.  
**SOLUTION**  
Replace fuse.

All other technical information, including parts lists may be obtained from Medical Industries America Inc. upon request.

### Symbol Key

	Alternating Current
	Class II Device
	Type BF Equipment
	Attention. Consult accompanying documents