



# *Direct Supply<sup>®</sup> Attendant<sup>®</sup> Compressor Nebulizer Owner's Manual*

Thank you for purchasing a Direct Supply<sup>®</sup> Attendant<sup>®</sup> compressor nebulizer from Direct Supply<sup>®</sup> Equipment & Furnishings<sup>™</sup>. Please read this entire guide carefully and keep it for future reference. This guide will provide you with instructions, warnings, warranty information and other important information about your Direct Supply Attendant Compressor Nebulizer. Share this information with your housekeeping, nursing and maintenance staff to help ensure the compressor nebulizer is used and cared for properly.

*Please keep and refer to this Owner's Manual.*

**1-800-634-7328 ■ [directsupply.com](http://directsupply.com)**

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# Definitions and Symbols & Introduction/Indications for Use

## Definitions and Symbols

**NOTE:** Indicates a tip.

**CAUTION:** Indicates correct operating or maintenance procedures in order to prevent damage to or destruction of the equipment or other property

**WARNING:** Calls attention to a potential danger that requires correct procedures or practices in order to prevent personal injury.

: Attention. Read the instructions.

**DEVICE:** Your Direct Supply Attendant Compressor Nebulizer

**YOU and YOUR:** The facility, community or other entity that has purchased the device.

**WE, US and OUR:** Direct Supply Manufacturing, Inc.

## Introduction/Indications for Use

The Direct Supply Attendant compressor nebulizer is a compact medical device designed to deliver physician-prescribed medication to the bronchial lung passages through inhalation.


It is developed for the treatment of asthma, allergies and other respiratory disorders. It creates a stream of air that travels through a clear tube to the nebulizer. When air enters the nebulizer, it will convert the prescribed medication into aerosol mist for inhalation.


Your compressor nebulizer should be used under the supervision of a licensed physician and/or a respiratory therapist. We encourage you to thoroughly read this Owner's Manual to learn about the features of this product. Any use of this product other than its intended use should be avoided.


This device is a tool to assist the caregiver as part of an overall care plan, and not a substitute for appropriate monitoring, diagnosis, training, care or treatment. Other devices may be required. This device is intended for use by trained and licensed healthcare providers in normal, indoor conditions.


# Warnings

## Warnings

 **WARNING** – To avoid electrical shock: Keep the unit away from water. Do not immerse the power cord or the unit in liquid. Do not use while bathing. Do not reach for a unit that has fallen into water - immediately unplug the unit.

 **WARNING** – Never operate the unit if it has any damaged parts (including power cord), if it has been dropped or submersed in water. Promptly send it to a service center for examination and repair.

 **WARNING** – The unit should not be used where flammable gas, oxygen or aerosol spray products are being used.

 **WARNING** – Disconnect the unit from the electrical outlet before cleaning, filling and after each use.

 **WARNING** – Do not use other attachments unless recommended by manufacturer.

# Directions for Use

## Directions for Use

 **Note:** Prior to initial operation, the nebulizer should be thoroughly cleaned.

**Step 1:** Place your compressor nebulizer on a flat and stable surface. Be sure that you can easily reach the controls when you are seated.

**Step 2:** Open the clear cover and remove the inside accessories.

**Note:** Prior to initial operation, the nebulizer should be thoroughly cleaned referring to the “Cleaning” section in this manual.

**Step 3:** Gently twist the top part of the nebulizer counter-clockwise to disassemble the nebulizer.

**Step 4:** Fill the bottom section of the nebulizer with the medication prescribed by your physician. Be sure that the cone is put inside the bottom section.

**Step 5:** Gently twist the top part clockwise to re-assemble the nebulizer. Be sure the two sections fit well.

**Step 6:** Attach one end of air tube to the base of the nebulizer.

**Step 7:** Attach the other end of air tube to the air tube connector located on the front of the compressor.

**Step 8:** Attach to the top section of nebulizer.

**Step 9:** Plug the power cord into an appropriate electrical outlet. Make sure at this stage, the power switch is at “OFF” status.

**Step 10:** Press power switch to begin your prescribed treatment.

 **Note:**

The compressor motor has a thermal protector which will shut off the unit before the unit is overheated. When the thermal protector shuts the unit off, please:

- a) Switch off the unit.
- b) Unplug the unit from the electrical outlet.
- c) Wait 30 minutes for the motor to cool down before another treatment. Make sure the air openings are not obstructed.

**Step 11:** When treatment is finished, shut off the unit and unplug it from the electrical outlet.

# Cleaning

## Cleaning

It is recommended that the nebulizer and mouthpiece are thoroughly cleaned with hot water after each use and cleaned with a mild detergent after the last treatment of the day. If your physician or respiratory therapist specifies a different cleaning procedure, follow their instructions.

### Cleaning Notes:

- a) Do not immerse the unit in water. It may damage the unit.
- b) Disconnect the unit from the electrical outlet before cleaning.
- c) Clean all necessary parts after each use as instructed in this guidebook.

### Rinsing (after each treatment):

**Step 1:** Disconnect the air tube, nebulizer and mouthpiece.

**Step 2:** Gently twist the nebulizer to open it.

**Step 3:** Rinse the nebulizer and mouthpiece with water.

**Step 4:** Dry them with clean soft towel or let air dry.

**Step 5:** Reassemble the nebulizer when completely dry and put these parts in a dry, sealed container.

### Disinfections:

Please follow the following steps to disinfect your nebulizer unless otherwise specified by your physician. It is suggested that the unit is disinfected after the last treatment of the day.

**Step 1:** Use one part white vinegar with three parts distilled water. Make sure mixed solution is enough to submerge the nebulizer, mouthpiece.

**Step 2:** Complete above Rinsing Steps 1-3.

**Step 3:** Wash the nebulizer, mouthpiece in warm water and a mild detergent. Then wash them in hot tap water.

**Step 4:** Submerge these parts in the vinegar and water solution for 30 minutes.

**Step 5:** Complete above Rinsing Steps 3-5.

### Cleaning the Compressor:

**Step 1:** Wipe daily with a damp cloth.

**Step 2:** Do not use any powdered cleaners or soap pads, which may damage the finish.

### Filter Change:

**Step 1:** Do not use cotton or any other materials. Do not wash or clean the filter. Only use filters supplied by your distributor. And do not operate without a filter.

**Step 2:** Change the filter every 30 days or when the filter turns gray.

**Step 3:** Changing procedure:

- a) Remove the filter cover.
- b) Replace the used filter with a new one.
- c) Replace the filter cover.

## Storage

Store the device in a cool, dry place. Do not store near heaters or other devices that could physically damage the product. Always store the device with the plug disconnected from a power source.

# Product Specifications

## Product Specifications

<b>Power</b>	AC 120V, 60 Hz (230V/ 50 Hz available)
<b>Power Consumption</b>	180VA
<b>Medication Capacity</b>	5 ml
<b>Particle Size</b>	0.5 to 10 $\mu\text{m}$
<b>MMAD</b>	4 $\mu\text{m}$
<b>Sound Level</b>	Less than 60 dB at 1 meter
<b>Average Nebulization Rate</b>	$\geq 0.2\text{ml/min}$
<b>Compressor Pressure Range</b>	29 to 43 Psi (200 to 300 KPa/2.0 to 3.0 bar)
<b>Operating Pressure Range</b>	10 to 16 Psi (70 to 110 Kpa/0.7 to 1.1 bar)
<b>Liter Flow Range</b>	6 ~ 8 LPM
<b>Operating Temperature Range</b>	10°C to 40°C (50°F to 104°F)
<b>Operating Humidity Range</b>	10 to 95% RH
<b>Storage Temperature Range</b>	-20°C to 70°C (-4°F to 158°F)
<b>Storage Humidity Range</b>	10 to 95 % RH
<b>Dimension (L x W x H)</b>	285 x 170 x 95 mm (8.3" x 7.7" x 5.9")
<b>Weight</b>	4.3 lbs (2.0kg)
<b>Standard Accessories</b>	Nebulizer, Air Tube, Mouth Piece, Filters (5 pcs)
<b>Optional Accessories</b>	Adult Mask
<b>UL Classified</b>	E239062



# Limited Warranty

## Limited Warranty

We offer to you, as the original purchaser, a warranty for the Direct Supply Attendant Compressor Nebulizer. Our warranty applies for the limited warranty period stated below. If any device or device part listed below is defective in material or workmanship during the applicable limited warranty period, we will repair or replace it at our cost. Please note that the decision to repair or replace a device or device part will be at our discretion. Our warranty applies only if the device is properly maintained by the original purchaser for normal, indoor use and does not cover normal wear and tear, modification of the device or damage caused by abuse, improper use, failure to maintain, use which exceeds the published device limitations or the combination of any device with another product. In addition, our warranty does not cover fading, characteristics or natural variations in fabric, texture, colorfastness, stains, spills or exposure to chemicals, odors, heat or light. In certain cases, we may provide you repair or adjustment instructions and/or replacement parts, and ask you to perform a repair or adjustment or replace a defective part. Our warranty gives you specific legal rights, and you may also have other rights, which vary, from state to state. Please note that our limited warranty period begins when we ship the device to you. The limited warranty period and our obligations under the warranty end once you transfer the device to someone else, or at the end of the applicable limited warranty period identified below, whichever is earlier.

	Warranty Period (Parts)	Anticipated Usable Device Life
Direct Supply Attendant Compressor Nebulizer (excluding accessories)	5 years	5 years

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Some states do not allow an exclusion or limitation of incidental or consequential damages or how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. If implied warranties are not excluded, and to the extent allowed by law, we limit any and all implied warranties to the applicable warranty period identified above. Except for rights under any applicable state law, the remedies provided under this warranty are your sole and exclusive remedy for any breach of our warranty and state the entire limit of our responsibilities.

# *Customer Service*

## **Customer Service**

Our promise to you is that you will have a convenient and easy ordering experience, receive a quality device and enjoy outrageous customer service. If you have any questions about the compressor nebulizer you have purchased or would like to request warranty service, please contact us at: Direct Supply® Equipment & Furnishings™, 1-800-634-7328, 6767 North Industrial Road, Milwaukee, WI 53223, [deardirect@directsupply.com](mailto:deardirect@directsupply.com)





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