

evo

MaxiCompressor™

High Performance 50 PSI Compressor | 501



Place
Postage
Here

CAUTION: USA Federal law restricts this device to sale by or on the order of a physician.

evo
2636 289TH PLACE
ADEL, IOWA 50003

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SPECIFICATIONS

OPERATIONAL PRESSURE

Continuous @ 50 PSI

NOTE: 50 PSI regulator may allow pressures \geq 65 PSI

OPERATIONAL FLOW RATE

Minimum 19 LPM @ 50 PSI

POWER

120 VAC, 60HZ, 3.5A or

SIZE

13.5" L x 7" W x 14.5" H

34.3 cm x 17.8 cm x 36.8 cm

WEIGHT

18 lbs. (8.16 kg)

OPERATING TEMPERATURE

Ambient conditions

(min 50°F to max 104°F)

(min 10°C to max 40°C)

STORAGE CONDITIONS

Room temperature preferred

(min -4°F to max 140°F)

(min -20°C to max 60°C)

COLOR

Gray case/blue faceplate

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NOTE:

Carefully read this manual before operating this device.

CUT ALONG THIS LINE AND RETURN TO evo

NAME

STREET

CITY

ST

ZIP

PHONE

DEALER

LOCATION

DOCTOR'S NAME

MODEL

PRODUCT SERIAL NUMBER

Have you been adequately trained in the use of this product?

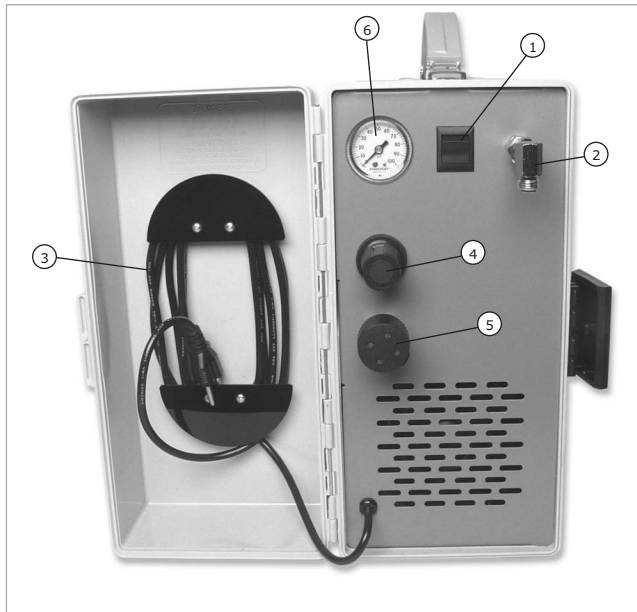
YES

NO

To treat your respiratory disorder, liquid medication or humidification treatment was prescribed to you by your physician. To ensure high quality treatment, you have made the right choice by purchasing the 501 MaxiCompressor, a 50 PSI compressor manufactured by EVO. This powerful compressor has an operating pressure of 50 PSI, delivering up to 19 LPM of flow. It is capable of servicing nebulizers and humidifiers to produce fine quality particle aerosol mist, giving maximum benefit to the specific medications.

Important Parts of the MaxiCompressor

- 1 Switch
- 2 Outlet
- 3 Cord
- 4 Regulator
- 5 Filter Cap
- 6 Gauge



Important Precautions

This EVO product is an electrical device. Always follow basic safety precautions when using this device including but not limited to the following:

READ THIS SAFETY CARD BEFORE USING

WARNING:

To reduce the risk of burns, fire, electrocution, or other bodily harm or injury to persons:

1. Always unplug this device after each use.
2. Never submerge this product in water.
3. Never use this product while bathing, showering, washing dishes, or around water source of any kind.
4. Never leave this product unattended.
5. Use this product only for its intended use as described in the operator manual.
6. Closely monitor and supervise use by invalids and children.
7. Never block the air vent openings or allow objects to fall or to be inserted into the air vent openings.
8. Observe caution when using this product where oxygen is being administered.
9. If this product is being used in a life threatening situation, a backup unit is necessary.

WARNING:

This equipment is not suitable for use in the presence of a flammable anaesthetic mixture with air or with oxygen or nitrous oxide.

EVO warrants the 501 MaxiCompressor for 1 year from the date of purchase due to faulty parts or workmanship. This warranty is limited to the original purchaser of the compressor. Any defective part(s) or assembly will be repaired or replaced, at the sole discretion and determination of EVO if the unit has not been misused or tampered with during the warranty period. Normal maintenance items, as outlined in this manual and disposable components are not covered by this warranty. Shipping charges, if any, shall be paid by the purchaser.

NOTE:

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to the duration of the express limited warranty and to the extent permitted by law and all implied warranties are excluded. This warranty does not cover providing a loaner compressor, compensating for costs incurred for compressor rental, or labor costs incurred in repairing or replacing defective part(s).

NOTE:

Before starting, make sure the power cord is unplugged and the power switch is in the OFF position.

1. Set the MaxiCompressor on a level, sturdy surface so the controls of the unit can be easily reached and adjusted.
2. Connect the delivery device (nebulizer, humidifier) to the chromed medical outlet.
3. Plug in the compressor and turn the switch to the ON position.
4. To adjust the pressure, gently pull the pressure regulator knob out of its "lock" position. Move the regulator clockwise to increase pressure or counter-clockwise to decrease pressure. Observe the PSI level on the unit's gauge. When desired pressure is reached, "lock" the pressure knob with a gentle push.
5. At conclusion of treatment, power off the machine.

Lid can be removed if desired. To remove the lid, grasp the hinge pin with pliers or fingers and pull gently upwards. To replace the lid, line up the hinges on the lid and on the case and carefully re-insert the hinge pin.

NOTE

During high humidity weather conditions condensation water build up can occur, so it is recommended that you run the compressor for 2 minutes before the device is connected to the unit.

A condensation trap is available - see the accessories section of this manual.

NOTE

Cold temperatures may result in poor compressor performance. Bring device up to room temperature for best results.

WARNING

To avoid the risk of possible electrical shock and damage to the compressor, MaxiCompressor must be operated on the specified power source.

CAUTION

Do not move 501 MaxiCompressor when the nebulizer or the humidifier are still connected. Liquids may flow back through the device resulting in damage to the internal components.

Cleaning, Filter Change and Maintenance

Troubleshooting

CAUTION

Never submerge the 501 MaxiCompressor in water, hold under running water or spray with water or other liquids. This will result in compressor damage and possibility of electrical shock/electrocution.

NOTE

Maintenance guide and technical information with parts list is available through EVO upon request.

WARNING

Do not remove compressor case. Failure to comply could result in electrical shock. All disassembly must be carried out by an authorized EVO service center.

COMPRESSOR CLEANING:

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

INLET FILTER CARE:

1. Pry off the inlet filter cap with a small screw driver.
2. Take out the filter sponge and rinse it in warm, soapy water so to clean all the debris. Rinse the sponge.
3. Set the filter sponge to dry and re-insert in the filter housing, following with a filter cap.

This should be done weekly.

MAINTENANCE

All maintenance on the 501 MaxiCompressor must be performed by an authorized EVO service center.

Symptoms	Possible causes	Remedies
Reduced air output	<ol style="list-style-type: none"> 1. Dirty inlet filter. 2. Regulator improperly set. 3. Air leak. 	<ol style="list-style-type: none"> 1. Clean inlet filter - refer to cleaning section of this manual. 2. Set regulator following operating instructions. 3. Contact your dealer or the EVO service center.
Compressor does not work	<ol style="list-style-type: none"> 1. Power cord not plugged in. 2. Defective switch. 3. Backed up pressure in the compressor. 	<ol style="list-style-type: none"> 1. Plug in the power cord. 2. Contact your dealer or the EVO service center. 3. Disconnect any device(s) connected to the unit and turn the machine on.
Compressor labors when device is used	Plugged tubing or nebulizer.	Replace tubing and nebulizer.
Compressor runs but gauge reads zero	Gauge reads line pressure; nebulizer needs connected to the tubing	Connect the nebulizer to tubing.