

# OPERATION and MAINTENANCE INSTRUCTION MANUAL

AA-98 AirPac II Compressor 220V

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 **Aseptico**<sup>®</sup>

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## RULES FOR SAFE OPERATION:

1. The compressor should be located in a dry, clean, and well ventilated area.
2. This compressor needs no lubrication and should never be oiled. Applying oil to any part could result in polluted air delivery to the air handling equipment.
3. All compressors generate heat even under normal operating conditions. To avoid serious burns, never touch the compressor during or immediately after operation.
4. When unit is not in use, store the cord wrapped around the carry handle. Do not abuse cord.
5. Servicing should always be performed by an Authorized Service Center.
6. ALWAYS use a grounded 3-prong plug-in.

To prevent injury to people and damage to property, please heed relevant warnings and remarks. They are marked as follows:

**WARNING:** Serious injury or death may result if ignored.

**CAUTION:** Damage to property or the environment may result if ignored.

**NOTE:** Important additional information and hints.

**WARNING:** This device has been tested and found to comply with the emissions requirements of IEC 60601-1-2:2001-09. These requirements provide reasonable protection against harmful electromagnetic interference in a typical medical installation. However, high levels of radio-frequency (RF) emissions from electrical devices, such as cellular phones, may disrupt the performance of this device. To mitigate disruptive electromagnetic interference, position this device away from RF transmitters and other sources of electromagnetic energy.

Performance in tandem with portability make the Aseptico AA-98 AirPac II oilless 3/4 horsepower compressor perfect for the professional. The compressor is secured in its own pull or carrying case and includes an air storage tank, a cooling fan, and an automatic pressure switch control.

## *Congratulations!*

This system is engineered to provide many years of reliable service. Please read the instructions provided in this manual to receive the best and longest service from your Aseptico equipment.

Separate manuals may be provided to cover the operation and maintenance of handpieces or other accessories for your unit.

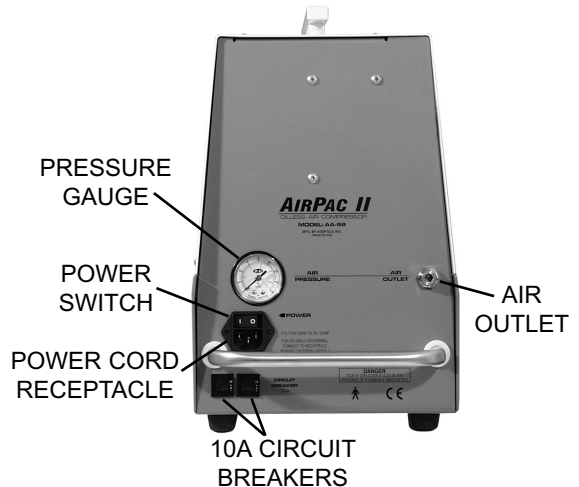
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### **PACKAGE CONTENTS**

- Compressor/Carrying Case
- Remote Power Cord
- Instruction Manual

## SET-UP & OPERATION

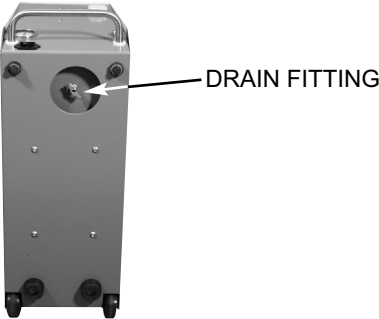
1. Unpack the compressor and locate the remote power cord.
2. Plug the power cord into the receptacle on the outside of the unit and then into a grounded power outlet.
3. To activate the AA-98 compressor, flip the power switch to the on (I) position. Once powered, the compressor will start and stop automatically to maintain pressure. The pressure switch is factory adjusted to properly start and stop. The cooling fan will operate continuously.
4. After plugging the compressor in and turning it on, let the compressor run until it stops, indicating full pressure.
5. Locate the 1/4" quick disconnect air outlet and pressure gauge on the end of the compressor case. Connect a 1/4" male coupling from your equipment to the air output fitting. The pressure gauge indicates pressure in the air storage tanks and gives a visual indication that the compressor is maintaining pressure properly.
6. The AA-98 compressor will cycle on and off as air is consumed during use. This is normal for operation. Turn compressor off if it is not to be used for extended periods of time.
7. To turn the compressor off, flip the power switch to the off (O) position.



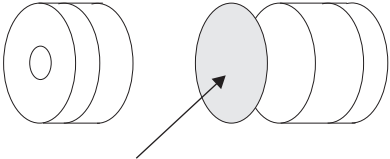
# MAINTENANCE:

**AIR STORAGE TANK** - To avoid the risk of moisture in the air lines or tank failure, drain the tank after each use or every four hours of operation. This will prevent condensation build-up and corrosion inside the tanks. To drain the tank, allow the compressor to fully pressurize and then turn the power switch to the off (O) position. Remove the power cord from the receptacle on the end of the compressor case. Locate the drain fitting on the underside of the compressor. Carefully and quickly turn open the drain fitting. Return the unit to its normal position and allow water to drain out with the escaping air.

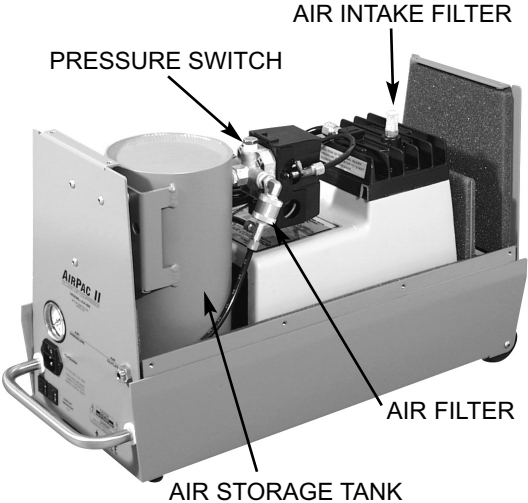
**AIR FILTER** - A dirty air filter will not allow the air compressor to operate at full efficiency. If a decrease in the supply air is noticed, it may be necessary to replace the filter element. The air filter is located inside the case along the side of the pressure switch. To replace the filter, disconnect the hoses and unscrew the brass cylinder at its mid-section. Remove filter disc and install a new one.



DRAIN FITTING



FILTER DISC  
P/N 730041



AIR INTAKE FILTER

PRESSURE SWITCH

AIR FILTER

AIR STORAGE TANK

ELECTRICAL - The motor of this compressor has a thermal overload protector. If the motor should overheat, the overload protector will shut off the motor. If this should occur, turn the compressor off immediately and allow the motor to cool. Check the circuit breakers, they may need to be reset.

Restart the compressor. If the compressor fails to start, the compressor may need to cool further. If the overload protector shuts the motor off frequently, you may have a low voltage situation. Low voltage can be suspected when:

1. The motor does not achieve full power or speed.
2. Fuses or circuit breakers activate when starting the compressor.
3. Lights dim when the compressor is started.
4. Other electrical appliances fail to operate properly.
5. Compressor shakes or hesitates when starting.

A primary cause of voltage drop is using an extension cord that is not heavy enough to carry the current the AA-98 compressor draws. An under size or over-length extension cord will cause a drop in line voltage resulting in loss of power and overheating. Always use a heavy gauge 3-wire extension cord that has a 3-blade grounding plug.

## **AA-98 220V SPECIFICATIONS:**

Single cylinder, 3/4 hp., Oilless compressor-100 PSI

Displacement- 4.1 CFM (116 LM)

Electrical- 220 volt AC, 50 Hz

Air Delivery- 1.20 CFM at 100 PSI (60 LM at 689 KPa)  
1.85 CFM at 50 PSI (74.2 LM at 345 KPa)

Circuit Breakers- 10 Amps, Quantity 2

Amps at Working Pressure- 5.1 Amps

Maximum pressure- 100 PSI

Air Storage Capacity- 1.0 Gal.

Weight- 43 lbs.

Size- 21.5" x 8.5" x 12.75"

## **SYMBOL DEFINITIONS:**



Type B  
Equipment



Type BF  
Equipment



Dangerous  
Voltage



Attention - Consult  
Accompanying  
Documents



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## **WARRANTY**

Aseptico warrants its products against defects in material or workmanship for a period of two (2) years, from date of original invoice. Some handpieces are warranted for one year under the same conditions. Other handpieces and expendable components, such as air turbines and light bulbs, are covered by shorter warranty periods, or have no warranty. Aseptico's sole obligation under product warranty is (at its sole option and discretion) to repair or replace any defective component or product in part or whole. Aseptico shall be the sole arbiter of such action.

In the event of alleged defect under warranty, the purchaser is to notify Aseptico's Customer Service Department promptly. Customer Service will provide instructions, usually directing that the product be returned for service. Shipment to Aseptico and the cost thereof is always the responsibility of the purchaser.

Accidental misuse, inappropriate installation, or failure to perform directed maintenance voids the warranty. Deliberately defacing, modifying, or removing the serial number voids the warranty.

Aseptico does not assume, under this warranty, any risks or liabilities arising from the clinical use of its products, whether or not such use involves coincidental utilization of products manufactured by others.