

Technical Support and E-Warranty Certificate www.vevor.com/support

## PCP AIR COMPRESSOR

#### MODEL:SS-PAC02A/SS-PAC02B

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.



#### MODEL:SS-PAC02A/SS-PAC02B



#### **NEED HELP? CONTACT US!**

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



## **IMPORTANT SAFEGUARDS**

•Portable PCP Air Gun Compressor can operated with either 220v/110v AC (adjustable) power, or DC 12VVehicle power. Leads for both systems are supplied.

•NEVER start the Portable compressor without first having started its cooling fan.

•The Portable compressor is designed to directly fill airguns with an integral cylinder or buddy-bottle air source up to 0.5 litres(500cc) volume. It should not be used for filling scuba tanks over 500cc. Any damage to the compressor or PCP airgun caused through incorrect operation or use will not be covered by the warranty.

•The Portable compressor has a MAXIMUM charging pressure of 300BAR (4,500psi/30MPa) pressure.However, many PCP airguns will have a safe working(operating) pressure that is lower than this - So DO NOT OVER-CHARGE your PCP airgun.

• ALWAYS adhere to the airgun manufacturer's operating instructions when using the Portable compressor to charge your PCP airgun

•It is recommended that you observe the position of the needle on the 5s pressure gauge of the PCP airgun and the unit pressure gauge at the same time during charging. Ensure that the position does not exceed 300BAR(4500psi/30MPa). Stop blowing air when it reaches 280BAR(3750psi/28MPa)

• To avoid the unit overheating, always operate the compressor in a well ventilated space.

 $\bullet\,\text{Do}$  not disassemble the main unit of the Portable compressor- there are no user-serviceable parts inside. However, the seals and the filter medium and

filters in the hose assembly can be replaced with the spares provided .

•ALWAYS follow the rudimentary safety procedures when charging your PCP airgun.

• If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

• This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

#### SAVE THESE INSTRUCTIONS

# FCC Information CAUTION:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment! This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This product may cause harmful interference.

2)This product must accept any interference received, including interference that may cause undesired operation.

#### WARNING:

Changes or modifications to this product not expressly approved by the party.responsible for compliance could void the user's authority to operate

the product.

#### Note:

This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules, These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

· Reorient or relocate the receiving antenna.

· Increase the distance between the product and receiver.

Connect the product to an outlet on a circuit different from that to which the receiver is connected.

 $\cdot$  Consult the dealer or an experienced radio/TV technician for assistance.

## **Product parameters**

Model	SS-PAC02A/SS-PAC02B	
Voltage:	DC 12V for car battery or AC 120V/230V	
Power	300W	
Inflation	4500Psi / 30Mpa	
pressure		
Stop mode	AUTOSTOP	
<b>Cooling system</b>	Built-in fan cooling	
Accessories	power cord*1, 8mm Connector*1, Spare Parts	
	Suit*1, Crocodile Pliers*1 Manual*1	
Cooling method	Fan Cooled	

## MAIN OPERATING PARTS



Foster-type quick-fit air line

Air line (hose assembly) bleed screw



## **Assembly Instructions**



5.Manually rotate the needle of the automatic shut- off system to the pressure you want. WARNING! NEVER overfill the maximum pressure of your cylinder and airgun. The maximum pressure for this compressor is 300bar (30Mpa/4500PSI).	oressure gauge Tem 1.5
6.Press the Compressor button on the top of the compressor to start the cooling fan. ATTENTION! The fan must be running when the compressor is working.	
7.Close the air bleed valve on the front of the main unit by turning it clockwise. It need only be finger tight.	1.7
8.Finally, press the POWER button on the top of the main unit. The compressor unit will audibly start up and the charging process will begin.	

## Using DC 12V Car Battery Power

9.Insure the car engine is running.Connect the supplied DC power cable to the right side of the 12v socket.

Connect the red clip at the other end of this cable to the positive (+) terminal of the car's12-volt battery.Then connect the black clip to the battery's negative (-) terminal.

The rest operation is same as step 6 on page 5





#### NOTE:

If the working temperature exceeds 80 degrees Celsius, the compressor MUST be manually switched off, you can press the POWER button to make the compressor stop working. Keep the cooling fan left running. Restart the compressor function once the compressor has cooled down. The compressor will be auto shut-off every 30 minutes to prevent overload and overheat. You can restart the compressor by pressing the POWER button again if air filling not finished.

## **Routine Maintenance**

**Note:** we suggest you can do maintenance by changing o-rings and clearing dirt every 50 pieces 500cc bottle filling or cumulative working 20 hours.

Insure all power is disconnected before maintenance !



#### 5.Loosen the 2 pieces screws of condensation tube.



8. Same as STEP 5, need to loosen the smaller screw near the outside, NOT the bigger one.



9.Loosen the 2 pieces black screws by using a hex screwdriver on end of piston rod.



10.Loosen the 4 pieces screws on the cylinder top.You will have the whole cylinder part.





11. Take off the round shape metal part, clean all dirt and check if any o-rings damaged. After cleaning and changing o-rings, You can evenly apply some silicone oil or engine oil on inner o-ring.





12.Take off the column metal part, clean all dirt and evenly apply some silicone oil or engine oil on inside.

13) Separating the piston and square metal part. Clean all dirt and check if any o-rings damaged.

It is normal if you find the light gray O-ring disconnected.

2.12

14) Cleaning up the dirt inside square part.



15.Loosen the screw of one-way metal sheet. Cleaning dirt, put back the sheet and tighten the screw.

IMPORTANT: don't over-tighten the screw, air needs to come out from inside.



16) Loosen the one-way screw, you will find a one-way valve inside. Cleaning up the dirt and check if any damages on spring and valve.



18) Check if any damages on piston o-rings. You can evenly apply some silicone oil or engine oil on 2 smaller o-rings. Above is all the maintenance content! In order to assemble it back smoothly, we suggest that you can browse the video while operating Video via Youtube -https://youtu.be/jeKo7dqSfnM



### Assembly



2) Setting the round shape part into the column metal part.	3.2
3. Setting the square part into another end of round part. Make sure there are no gaps between each parts.	3.3
4.Using a tool to move the piston back and forth and rotate to make the internal oil evenly spread.3-4 times will be fine.	3.4
5.By turning square,round shape part and piston, makes the cylinder looks same as [3.5]. Please note the direction of each screw and piston rod.Pull the piston rod distance to the longest.	3.5



9.Setting back the motor and cylinder. Tighten 4 black screws with motor on the bottom of compressor.	
10) Install another condensation tube.	3.10
11.Setting back the motor wire into display. Red to OUT+ and black to OUT -	3.11



## Troubleshooting

- E0- The temperature sensor is faulty.
- E1- Automatically stops when the temperature exceeds 85  $^\circ$  C.
- E2- voltage is lower than 9.8V.
- E3- The pressure button is faulty.
- E4-Working time limit and pressure reach automatic stop.



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