

AVP-20 PNEUMATIC IMPULSE SEALER WITH TEMPERATURE CONTROL

SERIAL I-_____

1518 Lancaster Point Way
San Diego, CA 92154
Ph: 619.498.8227
Fax: 619.498.8222
E-mail: info@amerivacs.com

amerivacs.com

WHAT'S IN THE PACKAGE?

- This Operation Manual.
- (1) Impulse Sealer.
- (1) E-20 Heating Element, inside the manual sheet protector.
- (1) T-20 Teflon Set, in a roll, placed next to this manual.
- A bag packaged by this very same sealer which includes:
 - (1) Power cord.
 - (1) 1/4" OD Air tubing with 1/4"OD to 1/4"NPT male thread fitting.

WHAT THIS MACHINE REQUIRES TO RUN

- Standard 120 Volt A.C. outlet (or 220-240 Volt A.C. outlet if your unit is made for this higher voltage – See serial number tag next to the Power Receptacle of your Sealer to confirm).
- Compressed air set to between 100 and 110 psi.

LET'S GET YOU FAMILIARIZED

Unpack your new Impulse Sealer and place it on its new home with the pressure bar closest to you. Place the foot switch on the floor so it is easy to activate with your foot.

Looking at the left side panel of the unit, you will find:

- Main On/Off power switch.
- Digital Temperature Control.
- Heat Timer.

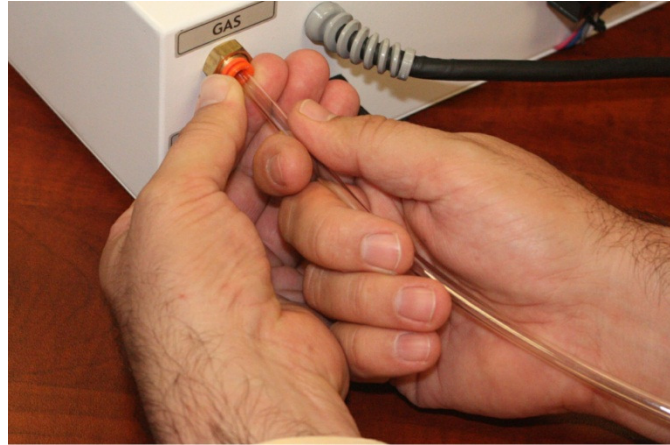
Looking at the right side panel of the unit, you will find:

- Compressed air supply connector
- Electrical Power receptacle.
- Foot Pedal cable.

GETTING CONNECTED

But first, let's show you HOW TO USE THE AIR PUSH FITTING

- To connect tubing into the push fittings, simply insert the tubing into the fitting and push in with a little force, it will automatically lock into place.
- To remove tubing, make sure there is no pressure (air or gas), then push on the colored plastic ring with one hand (unlocking the hose) and using the other hand, pull the tubing from the fitting at the same time.



- **POWER:**

Make sure the Main on/off switch is set to the "0" position. Connect your Power Cord to the Power Receptacle on the back of the Impulse Sealer and to a Standard 120 Volt A.C. outlet (or to a 220-240 Volt A.C. outlet if your unit is made for this higher voltage – See serial number tag next to the Power Receptacle of your Sealer to confirm)

- **AIR:**

Connect the supplied push fitting-1/4" Thread adaptor to your compressed air source. Then use the supplied 1/4" tubing to connect between the fitting on your Impulse Sealer (labeled "AIR") and to the compressed air source. Please be careful when adding air pressure to the Impulse Sealer as the bar will quickly rise. Please use clean dry air only to keep your sealer's internal components working for years to come. The Impulse Sealer requires a constant air pressure between 100 to 110 psi.

SETTING THE SEAL PART OF YOUR AMERIVACS IMPULSE SEALER

1. Turn on your Impulse Sealer by pressing the main On/Off (I/O) switch.
2. The Heat Timer has been set to four (4) seconds, and the Digital Temperature Control to seal at 350F and open the Jaws when the temperature lowers to 200F
3. Take one bag and fold it in half. Place your folded bag between the jaws back enough to extend past the Pressure Bar

If necessary, to change settings on your Digital Temperature Control,

- press the "ALARM" button once, this will display the seal temperature,
 - choose the digit to change by pressing on the "right arrow" button, and then
 - change the digit by pressing the "up arrow" button.
 - Press the "ALARM" button again to change the temperature at which the jaws will open and use the right and up arrow to change digits as explained above.
 - Press the "ALARM" again to return to operation mode. The Digital Temperature Control will display "RESET" briefly.
4. Hold bag taut on the sides close to the front of the Pressure bar (to avoid any wrinkles in your seal), and keeping fingers away from the Sealing Jaws, press Foot Switch long enough so that the Pressure Bar closes, then release; The bag will be heat sealed as indicated by the displays on the Heat Timer and Digital Temperature Control then, the Pressure Bar will rise, releasing your bag, ready for the next cycle.
 5. Remove the bag and inspect the heat seal. The heat source is from the bottom, so the heat will go upward on your bag. The lower two (2) layers of the bag will most likely be sealed, but you want to make sure that the upper two (2) layers are also sealed. This will ensure that if you do seal a wrinkle in your bag (which is essentially four (4) layers of bag material) it will definitely be air tight.

NOTE: Explanation applies to units not equipped with Bi-Active sealing.

6. Raise Heat Timer setting one half (1/2) second if the seal is weak or lower by one half (1/2) second if the seal is good. Test again by repeating from step #3 onward.

NOTE: To avoid overheating and to extend the life of the Heating Element, set the Heat Timer to lowest possible setting that will result in a strong seal.

OPERATING YOUR AMERIVACS IMPULSE SEALER

Now that your seal parameters are set, let's start sealing:

7. Keep your settings just as you determined on the previous steps.
8. Place your bag with product between the jaws and position the bag so the bag open end goes beyond the pressure bar.
9. Hold bag taut on the sides close to the front of the Pressure bar (to avoid any wrinkles in your seal), and keeping fingers away from the Sealing Jaws, press Foot Switch long enough so that the Pressure Bar closes, then release. The bag will be heat sealed as indicated by the displays on the Heat Timer and Digital Temperature Control then, the Pressure Bar will rise, releasing your bag, ready for the next cycle.

WARRANTY

All AmeriVacS Impulse Sealers are warranted for two (2) full years from date of delivery against electrical and mechanical defects, excluding normal wear items such as Elements, Element post, Teflon, Pressure Bar pads and Seal Gaskets. The warranty is voided if the machine is damaged due to improper use or unauthorized repairs. Any defective machine under warranty that is returned freight prepaid will, at our option be repaired or replaced by AmeriVacS, at no charge.

BASIC SERVICE INSTRUCTIONS

PLEASE READ AND UNDERSTAND BEFORE SERVICING

REMOVING THE PRESSURE BAR FOR EASIER SERVICING

You can remove the pressure bar for easier servicing by simply removing The Pressure Bar Bolts. Do not use any tools to hold the Pressure Bar Rods as they may be damaged. They can only be held from the flat spots at the top of the rod.

When re-installing, please make sure to:

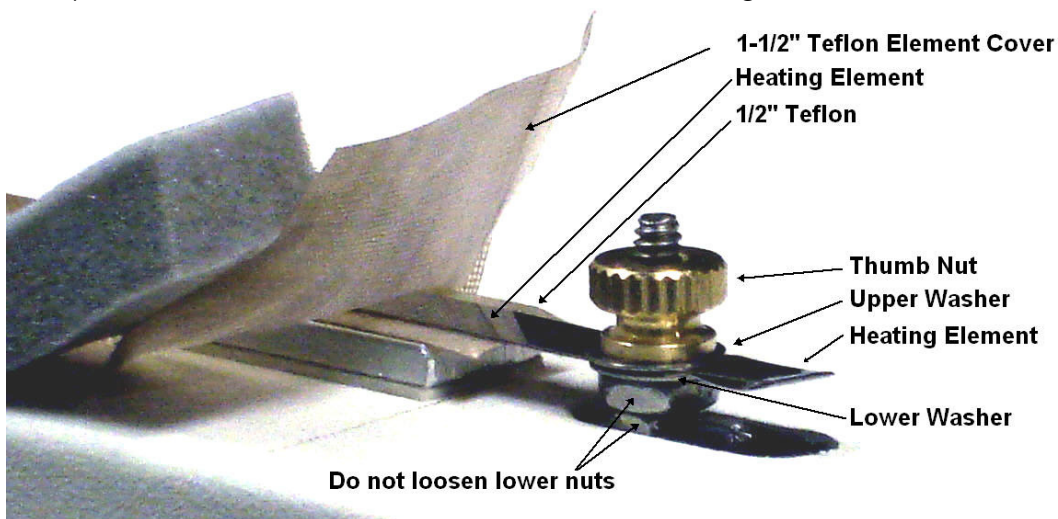
- 1) Remove the air pressure to the Impulse Sealer.
- 2) Lower the Cylinder rods on each sides
- 3) Re-install the Pressure Bar making sure there is an internal tooth washer between the Pressure Bar and the Cylinder Rod, and another on top against the head of the Bolt.

To order spare parts go to www.AmeriVacS.com and click on "Shop Online" then "Replacement Parts"

THE HEATING ELEMENT (Part No. E-20 and T-20)

Remove the broken Heating Element:

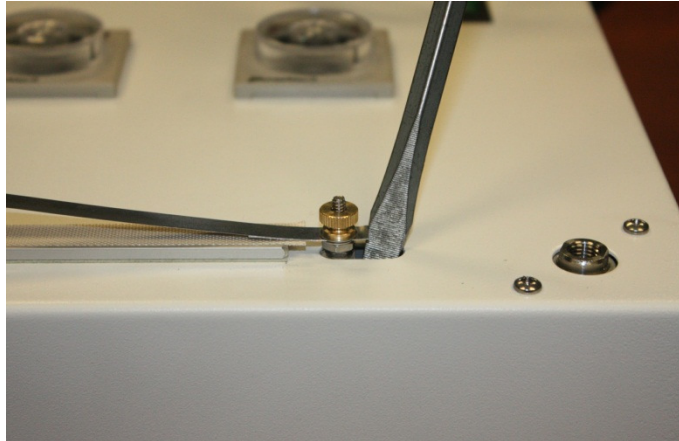
- 1) Remove 1½" Teflon that covers the old Heating Element.
- 2) Remove thumb nuts and washers from both sides. Remove Heating Element.
- 3) Remove ½" Teflon that was under the Heating Element.



Order parts online: www.amerivacs.com
Ph 619.498.8227
Fx 619.498.8222
sales@amerivacs.com

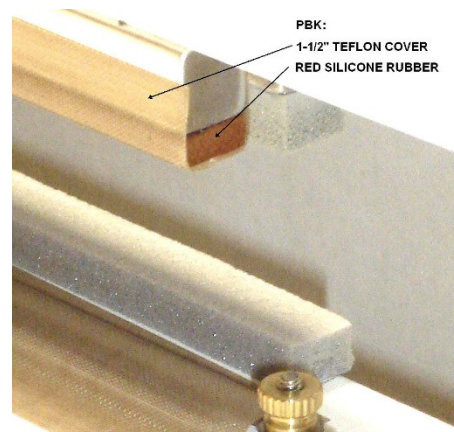
Installing the new element:

- 1) Remove backing on new 1/2" Teflon. Center over the 1/2" wide aluminum flat bar and press to adhere. **NOTE:** Leave an extra 1/2" of Teflon tape extending past each end of the aluminum flat bar to avoid electrical grounding with the Heating Element.
- 2) Place one washer on each post. Install the new Heating Element over the right (spring) side element post first, folded side of element downward. Position the Heating Element on top of the 1/2" flat bar, add another washer and firmly hand tighten the right side with a Thumb nut. Do not use tools.
- 3) Press the (right) element post assembly inward. You can use a large flat screwdriver to hold it in the compressed position (see photo at right).
NOTE: If you have a 30" or larger sealer, repeat above steps for the left side post.
- 4) Install the Heating Element over the left hand post, add a washer and firmly tighten the finger nut **BEFORE** releasing assembly on the right hand side (or both sides if 30" or larger sealer). **AGAIN: KEEP THE ELEMENT WITHOUT TENSION FOR THIS STEP - THE LAST STEP IS LETTING THE SPRING SIDE(S) LOOSE. NOT DOING SO WILL RESULT IN A SHORT LIFE ELEMENT BREAKING ON THE LEFT SIDE POST .**
- 5) Remove both backings from 1 1/2" Teflon Cover. Center Teflon so that the non-adhesive middle part covers the Heating Element. Smooth out on each side so adhesive sets on the chassis.



THE PRESSURE PAD (Part No. PBK-20)

- 1) Remove the Teflon cover and Red Rubber strip and any adhesive left on the Aluminum Bar.
- 2) Remove backing from rubber and press onto the Pressure Bar without stretching.
- 3) Remove backing from 1 1/2" Teflon cover. Center Teflon on the rubber, smooth out to each edge, and then fold over each side.



AMERIVACS REPAIR REQUEST FORM

DATE:

SHIP BACK TO:

COMPANY

ADDRESS

ADDRESS

CITY

STATE

ZIP

CONTACT FOR ADDITIONAL INFO ON THIS REPAIR

NAME

PHONE

Ext

E-MAIL

WHICH UPS SERVICE DO YOU WANT TO USE FOR RETURN

GROUND

2ND DAY

NOTE: IF UNDER WARRANTY, WE WILL SHIP BACK WITH

3 DAY AIR

NEXT DAY

THE SAME SHIPPING METHOD AS IT WAS RECEIVED

MODEL: AVP-20

SERIAL: I-

PROBLEM AND/OR SPECIAL REQUEST

(PLEASE ATTACH LAST PAGE OF E-MAIL COMMUNICATION IF ANY)

NOTES:

- WRAP FOOT PEDAL SEPARATELY TO AVOID SCRATCHING THE MAIN CHASSIS
- PUSH NOZZLE INSIDE NOZZLE HOUSING AND LOWER PRESSURE BAR
- USE 3" OF PACKAGING ON EACH SIDE TO AVOID DAMAGE
- PLEASE INCLUDE THIS FORM WITH YOUR MACHINE

SHIP TO:

AMERIVACS REPAIRS
1518 LANCASTER POINT WAY
SAN DIEGO, CA 92154

(619) 498-8227

Order parts online: www.amerivacs.com
Ph 619.498.8227
Fx 619.498.8222
sales@amerivacs.com