



User Manual

Chamber Vacuum Sealer

Model: V81af



Precision Appliance Technology, Inc.

Website: www.vestaprecision.com

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Important Safeguards

When using the product, please always follow the instructions:

- Read the user manual before using the product.
- Do not put the machine on wet or hot surfaces, or near heat sources.
- Do not immerse the machine or the power cord in water or any other liquid.
- Plug the machine into a grounded power outlet, and do not use extension cords.
- To disconnect, remove the cord by grasping and pulling out the plug. Do not unplug by pulling on the cord.
- Do not operate the product if the cord is damaged.
- Use the machine only for its intended purpose.
- Do not touch the machine's lid, chamber, or seal wire during operation to avoid injury or damage to the machine.
- The machine is not intended for use by children, persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge.
- The machine should be properly managed to ensure that children will not play with or around it.
- Do not hit or press the lid with hard or heavy objects to avoid damage to the lid.
- Keep away from flammable or explosive gases.
- The minimum clearance $\geq 10\text{cm}$ should be kept between the surrounding of the machine and the wall or objects to ensure good ventilation.
- Keep the machine away from heaters or steam devices (such as steamers, dishwashers, or stoves).
- Keep the machine in an upright position standing on its support legs when moving or transporting it.
- The company will not be liable for damage or quality issues caused improper usage that does not follow the instructions in the manual.

Vacuum Packaging and Food Safety

Vacuum packaging extends the life of foods by removing most of the air from sealed containers and prevents fresh air escaping into the sealed containers, thereby reducing oxidation. Vacuum packaging helps preserve flavor and overall quality. It also helps inhibit the growth of aerobic microorganisms, which can lead to the problems noted below under certain conditions:

Mold – Mold cannot grow in a low oxygen environment; therefore, vacuum packaging can virtually eliminate it.

Yeast – Results in fermentation, which can be identified by smell and taste. Yeast needs water, sugar, and a moderate temperature to grow. It can also survive with or without air. Slowing the growth of yeast requires refrigeration, while freezing stops it completely.

Bacteria – Results in an unpleasant odor, discoloration and/or soft or slimy texture. Under the right conditions, clostridium botulinum (the organism that causes Botulism) can grow without air and cannot be detected by smell or taste. Although it is extremely rare, it can be very dangerous.

As with any other storage container, it is important to inspect food for spoilage prior to consuming.

To preserve foods safely, it is important to maintain low temperatures. You can significantly reduce the growth of microorganisms at temperatures of 4°C or below. Freezing at -17°C does not kill microorganisms, but stops them from growing. For long-term storage, always freeze perishable foods that have been vacuum packaged.

It is important to note that vacuum packaging cannot reverse the deterioration of foods. It can only slow down changes in quality. It is difficult

to predict how long foods will retain their top-quality flavor, appearance, or texture because it depends on the age and the condition of the food on the day it was vacuumed packaged.

Note: vacuum packaging is not a substitute for refrigeration or freezing. Any perishable foods that require refrigeration must still be refrigerated or frozen after vacuum packaging.

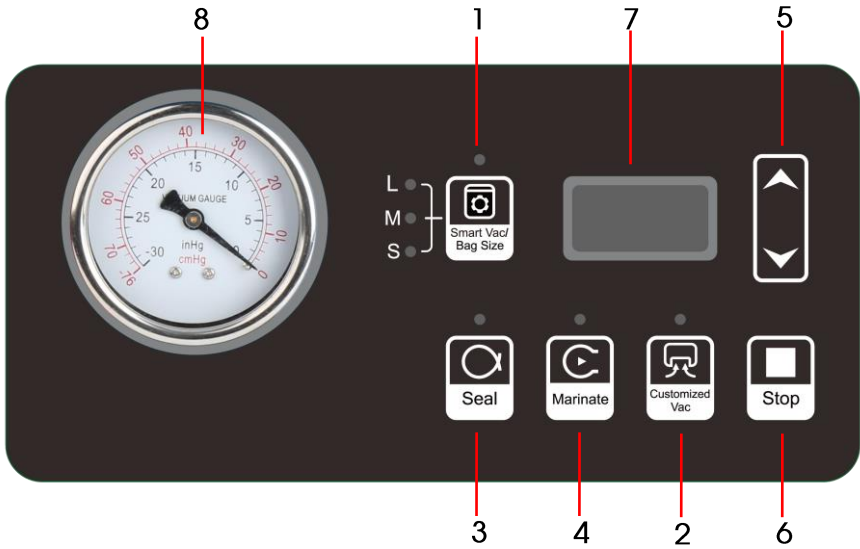
Food Storage and Safety Information

Storage	Foods	Typical Storage	Vacuum Packaging
Frozen	Meat	6 months	15-20 months
	Fish, Seafood	6 months	10-12 months
	Dried fruit, Coffee beans	6-9 months	18-24 months
Refrigerated	Meat	2-3 days	12-13 days
	Fish, Seafood	2-3 days	6-8 days
	Cooked meat	2-3 days	10-14 days
	Eggs	2-3 days	30-50 days
	Vegetables	2-3 days	7-10 days
Dry	Bread	1-2 days	6-8 days
	Cookies	4-6 months	12 months
	Noodles	5-6 months	12 months
	Rice	5-6 months	12 months
	Flour	4-5 months	12 months
	Crackers	3-4 months	12 months
	Coffee	2-3 months	12 months
	Tea	5-6 months	12 months
Powdered Milk	1-2 months	12 months	

Product Features

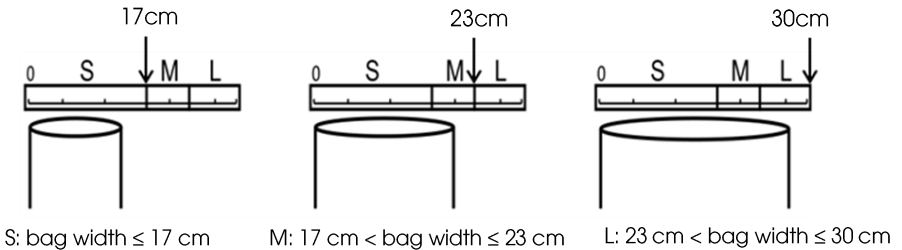


- ① Seal strip ② Suction outlet ③ Vacuum chamber ④ Seal bar ⑤ Bag clip
⑥ Ruler ⑦ Control panel ⑧ Lid ⑨ Gasket ⑩ Lid lock ⑪ Power port



1. Smart Vac/Bag Size Button

In standby status, press “Smart Vac/Bag Size” (the display shows “Au”), and the machine will enter smart vacuum mode. By pressing the button, you can select the bag size: L for large, M for medium, and S for Small. The indicator will be on when the corresponding size is selected.



2. Customized Vac Button

In the standby mode, press “Customized Vac”, the machine will enter custom vacuum mode. In this mode, you can adjust the vacuum time from 5 - 60 s by pressing \wedge / \vee .

3. Seal Button

- In standby mode, press "Seal" (indicator flashes) and then press \wedge / \vee to adjust the seal time from 0 – 9 s. The button works for both smart vacuum mode and custom vacuum mode.
- Press "Seal" during vacuuming (smart vacuum mode or custom vacuum mode) to seal directly.

4. Marinate Button

- In standby mode, press "Marinate", the machine will enter marinate mode. In this mode, you can adjust the marinate time from 9 - 99 min by pressing \wedge / \vee . (Every 9 min is a vacuum cycle, which consists of three steps: vacuum – hold vacuum – release.)

5. \wedge / \vee Buttons

By pressing \wedge / \vee , you can adjust seal time, vacuum time in custom mode, and marinate time.

6. Stop Button

During operation, press "Stop" and the machine will stop and return to standby mode.

7. Digital Display

- Standby mode:

When the machine is powered on, the display shows "On";

When the machine is in protected mode, the display shows "CLO";

When the machine enters smart vacuum mode, the display shows "Au";

When the machine enters custom vacuum mode, the display shows the vacuum time;

When the machine enters marinate mode, the display shows the marinate time;

When you press "Seal", the display shows the seal time.

-- During operation:

In smart vacuum mode, the display shows the real-time vacuum time and remaining seal time;

In custom vacuum mode, the display shows the remaining vacuum time and seal time.

In marinate mode, the display shows the vacuum time and remaining marinate time.

8. Vacuum Gauge

Shows the vacuum pressure in the chamber.

9. Start

In standby mode, close the lid and the machine will start to work in the selected mode.

10. Factory Reset

Power the machine off and then power it on. When the display shows "On", press and hold "Stop" and "Marinate" for about 3 s, the display will show "rS" and beep to restore factory settings.

Specifications

Model	V81af	
Power supply	220-240V~50Hz	110-120V~60Hz
Power	950W	900W
Pressure	-29.7"Hg (-1006 mbar) pump pressure -29.5"Hg (-999 mbar) chamber pressure	
Max bag width	11.8 in / 300 mm	
Pump type	Dry pump	
Seal wire	1 in / 2.5 mm x 2 pcs	
Dimensions	14.1 x 16.7 x 14.4 in / 359 x 425 x 366 mm	
Weight	51.8 lb / 23.5 kg	

Operation Instructions

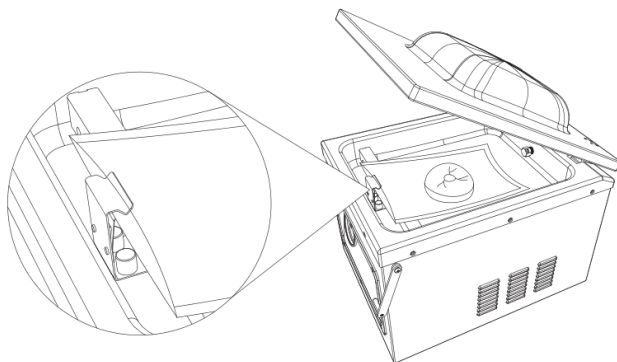
Power on

- Plug the machine into a grounded electrical outlet, and it will enter standby mode.
- When the lid is open, the display shows "ON".
- When the lid is closed, the display shows "CLO", and the machine is in protection mode. In this mode, no matter which button you are pressing, the machine will not work. Open the lid and the machine will return to normal use.

Vacuum and seal

1. Choose a suitable-sized vacuum pouch and place the item in it, leaving a minimum of 2 inches (5 cm) between the item and the open end of the pouch.
2. Press "Seal" button and \wedge / \vee to adjust the seal time. (The time will be saved for the next operation.)
3. Select the vacuum mode by either pressing "Smart Vac/Bag Size" or "Customized Vac".
 - When using Smart Vac mode, you only need to select the bag size (L, M, or S), and the machine will calculate the vacuum time for different items.
 - When using the Customized Vac mode, you can adjust the vacuum time by pressing \wedge / \vee .
4. Place the filled vacuum bag into the vacuum chamber with the open end of the pouch over the seal bar. Be sure to clip the lower/bottom side of the bag into the clip. The open end of the bag should be clean, free of liquid and debris.

Note: Tuck only the bottom side of the bag so that the clip can support the upper side of the bag.



5. Close the lid and the machine will start vacuuming and seal automatically. During vacuuming, you can also press "Seal" button to seal immediately.
6. At the end of the process, the machine will "beep" three times to signal the operation is complete.
7. Open the lid, take out the bag and check the seal before storing.

Seal only

The machine does not have a program for sealing bags only, but when it is required, it can be done in the following way.

1. Press "Seal" button, and adjust seal time by pressing \wedge / \vee . (The seal time will be remembered and preset next time.)
2. Press "Smart Vac/Bag Size" or "Customized Vac".
3. Place the bag in the chamber, and put one end over the seal bar. Keep the bag end clean and free of liquid and debris.
4. Close the lid and press it slightly, and the machine will start to work.
5. When you hear a beep, press "Seal" to seal the bag.

Marinate

1. Press "Marinate" to enter marinate mode, then adjust marinate time by pressing \wedge / \vee .
2. Place the food and marinade in a vacuum bag or an uncovered container into the vacuum chamber.
3. Close the lid and press it slightly, and the machine will start to work.
4. When the marinate time counts down to zero, the machine will beep three times and the process is complete.

Care and Maintenance

- Unplug the machine before cleaning and maintenance.
- Regularly clean the machine surface with a damp cloth to remove dust and dirt. Do not use solvent containing detergent to clean the lid.
- Check the lid, gasket, seal strip before each use. If they are damaged, replace them before use.
- Do not place any hot/sharp/heavy items on the lid as this may damage the lid.
- Do not let any liquid or dust to enter the pump or the exhaust pipe as it will damage the pump.
- Only trained professionals should disassemble the machine.
- The machine can work for a maximum of 8 hours per day. If the working time exceeds this limit, the company will not be responsible for any resulting damage to the machine.

Troubleshooting

The V81af provides exceptional vacuum performance, but you may encounter issues occasionally. To address these problems, please try the following troubleshooting steps before contacting customer service for assistance.

Machine cannot start

- Make sure the power cord is properly plugged into the power outlet and that the machine power switch is turned on.
- Check whether the power cord is damaged. If so, replace it before use.
- If not for the above cases, contact professionals for maintenance. (It can be the problem of the control board or cable terminals.)

Insufficient Vacuum

- The vacuum time may not be enough. Please set a longer vacuum time and try again.
- Make sure the bag opening is within the chamber.
- Make sure the lower side of bag is tucked into the clip.
- The bag may be broken.

Seal failure

- The seal time may not be enough. Please set a longer seal time and try again.
- Make sure the bag end is placed over the seal bar.
- Make sure the bag end is free of moisture, crumbs, or debris.
- The seal bar may not be in place.
- The seal strip may not be in place.
- There may be dirt or oxide film on the surface of heating bar copper sheet or cylinder copper column. Scrape and clean them with a tool such as a

small screwdriver, and then try again.

- If not for the above cases, contact professionals for maintenance. (It can be the problem of the heating coil, solenoid valve, control board or power panel.)

Bag inflation

- Sharp items may pierce the bag. To prevent this, cover sharp edges with a paper towel or a puncture proof guard and re-vacuum with a new vacuum bag.
- Some fruits and vegetables can release gas if they are not properly processed before packaging.

Error code

Code	Problem	Solution
E01	The lid is not closed tight when the machine starts sealing.	1. Press "Stop" to exit the code. 2. Close the lid tightly and try again.
E02	"E02" will be displayed when the machine works for 5-10 seconds but cannot reach the vacuum pressure.	1. Press "Stop" to exit the code. 2. Check if the gasket is in right position. 2. Close the lid tightly and try again.

Limited Warranty and After Sales Services

Returns

If you are not fully satisfied, our products come backed with a 30 day, no questions asked, money-back guarantee. To be eligible for a full refund, you must:

- Have purchased your product in the last 30 days directly from Vesta Precision
- Have the original order number or email that was used during your purchase
- Email your request for your return and full refund

Full refunds can only be provided within 30 days of purchase directly from Vesta Precision. Devices purchased through resellers, retail partners, or other websites are not eligible for a return and full refund. Please consult their return policies for more information. We cannot provide a full refund for any damaged devices not covered under our limited warranty.

Exchanges

We provide products with a few different options. Retail exchanges are eligible within 30 days of original date of purchase. To be eligible for an exchange, you must:

- Have purchased your product in the last 30 days directly from the Vesta Precision
- Have the original order number or email that was used during your purchase
- Email us to request an exchange

Retail exchanges can only be provided within 30 days of purchase directly from Vesta Precision. Products purchased through resellers, retail partners, or other websites are not eligible for a retail exchange. Please consult their exchange policies for more information. We cannot provide a retail exchange for any damaged devices not covered under our limited warranty.

Warranty Replacements

Our products come with a 2-year limited warranty. Warranty replacements are eligible within 2 years of original date of purchase. To be eligible for a warranty replacement, you must:

- Have purchased the product within the last 2 years
- Have the original order number or email that was used during your purchase. If purchased through a reseller, retail partner, or other website, you must provide a copy of your original receipt
- Email us to request warranty service

Warranty replacements can only be provided within 2 years of original purchase date. We cannot provide a warranty replacement for any damaged devices not covered under our limited warranty.

Shipping Charges

Shipping charges incurred in connection with the return, exchange, or warranty replacement are paid for by Vesta via prepaid waybill issued by the support team.

Damaged and Defective Items

If you received a damaged or defective product, notify us immediately for assistance via phone, email, or web support. Please note that if we do not have an exact replacement for your unit, we will replace it with a similar unit of equal or greater value.

What Does This Limited Warranty Not Cover?

This limited warranty does not cover damages directly or indirectly arising or resulting from or during

- non-intended use of the product for any purpose not described in the user manual, and
- non-intended use with another product or other damage or loss suffered by such use or in combination with any other item
- accident, misuse, abuse, vandalism, power surges or acts of God (including lightning and other weather conditions)
- improper or inadequate maintenance
- unauthorized disassembly or modification
- repairs by an unauthorized service technician

WE ARE NOT RESPONSIBLE FOR AND THIS LIMITED WARRANTY DOES NOT EXTEND TO ANY CONSEQUENTIAL, INDIRECT, SPECIAL, INCIDENTAL OR PUNITIVE DAMAGES ARISING OUT OF OR RELATING TO THE UNIT. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This limited warranty is not transferable and is limited to the original purchaser.



Precision Appliance Technology, Inc.

Questions or Problems?

Contact support via

Website: www.vestaprecision.com

Email: support@vestaprecision.com