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# User Manual

**Pac Food Vacuum Sealer**

**Model: VS 105**



Thank you for purchasing the Pac Food VS 105 Vacuum Sealer. You are about to revolutionize your home with one of the strongest vacuum packaging systems available. With the help of the VS 105 Vacuum Sealer, you will now be able to keep food fresher, longer in the refrigerator, freezer and pantry. The VS 105 effectively removes air and extends freshness up to five times longer than normal preservation methods. Beyond that, the VS 105 can be used to preserve and organize household items like keepsakes, small toys and easy-to-lose items. You will soon find your Vacuum Sealer to be so versatile and convenient; it will never leave your countertop.

By using vacuum bags and canisters, you can significantly extend food life, maintain food quality, reduce freezer burn, and reduce food waste and costs.

The style of the VS 105 Vacuum Sealer is clean and simple with a lightweight, compact design. Its unique slanted layout design and wide vacuum trough makes it easy to load bags and ensure a positive seal every time. Only high quality, fully tested and rated components have been used in the construction in order to ensure the best performance.

Read and follow all directions for usage and maintenance carefully and you'll benefit from years of trouble-free and cost effective vacuum packaging.

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## ***Vacuum Packaging and Food Safety***

Vacuum packaging extends the life of foods by removing most of the air from sealed bags/containers and prevents fresh air escaping into the sealed bags/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:

**Mould** – Mould 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) cannot 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.

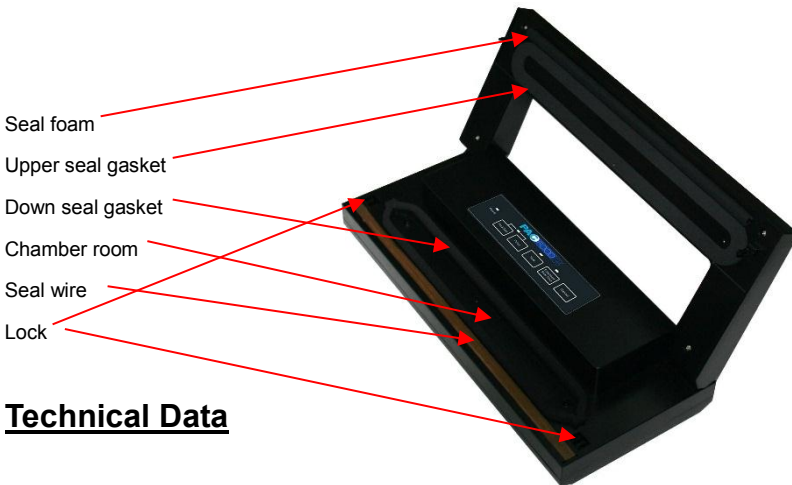
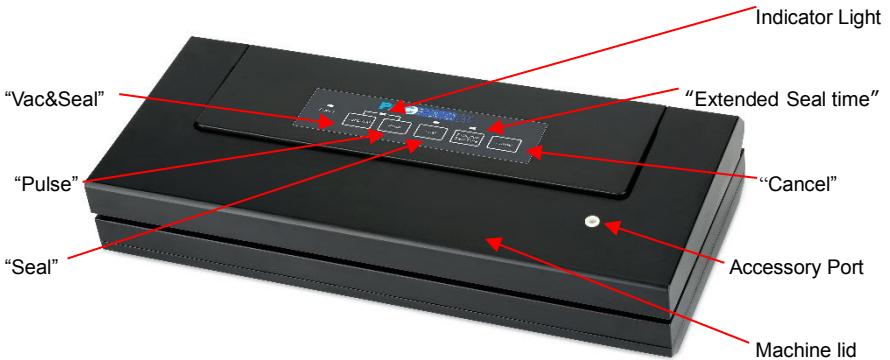
It is important to note that vacuum packaging cannot reverse the deterioration of foods. It can only slow down changes in quality. It is difficult to predict how long foods will retain their top-quality flavor, appearance or texture because it depends on the age and the condition of the food on the day it was vacuumed packaged.

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

### **Preparation Guidelines**

Vegetables need to be blanched before vacuum packaging. This process stops the enzyme action, which leads to loss of flavor, colour and texture. To blanch vegetables, place them in boiling water or in the microwave until they are cooked, but still crunchy. Then, immerse the vegetables in cold water to stop the cooking process. Finally, dry the vegetables on a towel before vacuum packaging. Cruciferous vegetables (broccoli, sprouts, cabbage, cauliflower, kale, turnips) naturally emit gases during storage. Therefore, after blanching, they must be stored in the freezer only.

## ***The Vacuum Sealer Features***



### **Technical Data**

Voltage : 220-240V~50Hz

Power : 100W

Pressure : -21"Hg/-711mbar(±5%) (directly in pump)

Pump: single

Max bag width : 300mm (outside measurements)

Seal wire width : 2mm

Size : 384x169x75mm (L x W x H)

## ***Safety***

For your safety, follow these precautions when using your Vacuum Sealer:

- Read Owner's Manual carefully before using the machine for the first time.
- Do not use the VS 105 Vacuum Sealer on wet or hot surfaces, or near a heat source.
- Do not immerse machine or power cord in water or any other liquid.
- Plug Vacuum Sealer into grounded power sources only, do not use extension cord.
- To disconnect, unplug directly from power source. Do not disconnect by pulling on cord.
- Do not operate appliance with damaged power cord.
- Only use the Vacuum Sealer for its intended use.
- Only use micro channel vacuum bags/ rolls, accessories and attachments.

## ***Maintenance***

- Unplug before cleaning.
- Regularly clean appliance with damp cloth and mild soap to remove crumbs, dust, debris.

# Operating Instructions

## Preparations

- Read all manuals and instructions before starting.
- Plug in machine.
- When the machine is on, indicator light will turn green.
- The Vacuum Sealer is now ready for use.

## How To Make Bag From Roll

1. Choose roll with suitable width.
2. Put the open end of the roll across the seal wire (please make sure the open end is across the seal wire); close the lid.
3. Press the two ends of the machine lid with some strength, the lid is locked when you hear it 'click' in.
4. Press "Seal" button, machine begins to seal and the "Seal" light will be on. After sealing, the machine will continue to vacuum for 3 seconds. After it's finished, the lock of the machine will be released automatically.
  - \*\* If the machine is working on a cold day or if you are vacuuming wet items, it is better to press the "Extended Seal time" button before the sealing process to make a better vacuum.
5. Sealing cycle is complete.
6. Remove bag and inspect seal.

**(Note: A positive seal will look clear upon inspection. If the seal is spotty, incomplete, wrinkled, white or milky, remove sealed portion and run vacuum and seal process again.)**



## **How To Vacuum And Seal With Bags**

1. Choose suitable vacuum bag, place item in bag.
2. Allow at least 4.5cm space after item is put in bag, to ensure better vacuum.
3. Put the open end of the bag across the chamber seal gasket. Please make sure that the open end is within the vacuum chamber.
4. Close the lid
5. Press the two ends of the machine lid with some strength, the lid is locked when you hear it 'click' in.
6. Press "Vacuum & Seal" button. The "Vacuum" light will be on.

\*\* We do not recommend using the "Vac & Seal" automatic mode to vacuum fragile items, as it may crush the food. For fragile items, please choose "Pulse" manual mode. When using this mode, press the "Pulse" button so that the machine will vacuum for as long as you push it. It will stop when you take off your finger. Continue to monitor the bag until you reach your desired vacuum.

7. The Vacuum level sensor knows when it achieves a proper vacuum level and will automatically go into seal mode.

\*\* Using "Pulse" manual mode, the machine will enter into "seal" mode when pressing the "Seal" button manually.

8. When in the "Seal" mode, the "Seal" light will be on and the machine begins to seal. The pump stops working, there will be no noise.
9. When the sealing is complete, the lid will pop up slightly.
10. Remove the bag and inspect bag and seal.

**(Note: A positive seal will look clear upon inspection. If the seal is spotty, incomplete, wrinkled, white or milky, remove sealed portion and run vacuum and seal process again.)**

11. Store bag properly. All perishable foods will need to be refrigerated or frozen to prevent spoilage.
12. Press "Cancel" button to stop the machine. If instant seal is needed, simply press

“Seal” button.

## **Bag Guidelines**

- Package the freshest foods possible. The VS 105 Vacuum Sealer allows you to maintain the food’s freshness up to five times longer than under normal stored conditions.
- Delicate foods, moist foods and foods that need to hold their shape require pre-freezing. Foods like meat, berries and bread can be frozen for up to 24 hours without harm of freezer burn. Once food is hard, it is ready to be vacuum packaged.
- If packaging fresh meats without pre-freezing, place a folded paper towel in between the meat and the top of the bag. This will help absorb moisture.
- To vacuum liquids like soups, stews and casseroles, pre-freeze in a dish or ice cube tray. Once frozen, vacuum package, label and stack in your freezer.
- For objects with sharp points or edges (bones, pasta, rice) pad the edges with paper towels to prevent the bag from puncturing. We recommend our Embossed Micro Channel bags or rolls for a thicker micron.
- Vacuum bags are boilable and microwavable. We do not recommend reusing bags.
- Vegetables must be blanched before being packaged. Place in boiling water or microwave until heated through but still crunchy. Vacuum package as normal.

**\*\*Do not vacuum package mushrooms or garlic.\*\***

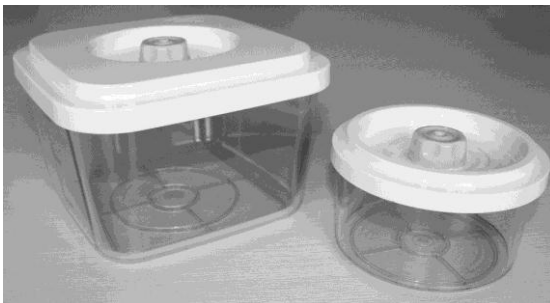
## **How To Use Your VS 105 With Canisters**

The VS 105 can also be used with canisters. The knob on the top of the lid controls vacuuming. It also closes and locks vents inside lid after vacuuming. It can also open the vents to allow air back in the canister and releases the lid to access the contents.

1. Place the items into the canister. Make sure the canister lid is dry and the lid gasket is without any powder or food debris. Also please allow some space after the items are put into the canister. And then close the lid.
2. Turn the knob to “Vacuum” position.
3. Connect the hose to the Accessory port on the machine and the port on the canister lid.
4. Press the two ends of the machine lid with some strength, the lid is locked when you hear it ‘click’ in.
5. Press “Vacuum & Seal” button, slightly press the canister lid for 3-5 seconds. The machine starts the vacuum process.  
\*\* Press “Cancel” button to stop the machine’s working processes.
6. After the vacuum cycle, the machine will stop automatically. Remove the hose from the canister and turn the knob to “Lock” position. Store canister in refrigerator.
7. To open vacuum canister, twist knob to “Open” position. With proper care, the canisters may be reused many times.

## **Canister Guidelines**

- Use only canisters designed for vacuum packaging. Other containers can implode under the vacuum pressure of the Vacuum Sealer.
- Cool liquids in refrigerator before vacuum packaging. Hot foods should be cooled before vacuum packaging.
- Do not freeze vacuum canister. Suggested lowest temperature is -18°. Too low (lower than -18°C) or too high (higher than 100°C) temperature will make the canister materials endure lower pressure or melt.
- 3-5s before the machine's vacuum process, slightly press the canister lid with your hands.
- Hand wash canister lid. Do not put in dishwasher or the microwave. The canister body itself is dishwasher safe and micro-oven safe. Suggested highest temperature is 100°C.
- If liquids are caught in the accessory hose, run warm water through hose. Be sure hose is not attached to accessory port.
- Powdered or granulated foods should be covered with a paper towel before vacuuming to prevent food from traveling into the vacuum mechanism.
- Vacuum packaging is not a substitute for canning. Perishable foods still need to be refrigerated or frozen.



## **How To Use With Vacuum Bottle Stoppers**

The VS 105 can vacuum bottle with bottle stoppers. If you cannot finish a bottle of wine at one time, or you need to preserve a bottle of non-carbonic acid drink, edible oil, a bottle of juice or any liquid else that is stored in a bottle, you can use the VS 105 to vacuum the bottle with a bottle stopper.

1. Plug the vacuum bottle stopper to the bottle. Please allow at least 2.5cm distance between the bottom of the stopper and the surface of the liquid.
2. Connect the hose to the accessory port of the machine and the other end to the port of the bottle stopper.
3. Press the two ends of the machine lid with some strength, the lid is locked when you hear it 'click' in.
4. Press "Vacuum & Seal" button, the machine starts to vacuum.  
\*\* Press "Cancel" button to stop the machine's all working processes.
5. After the vacuum cycle is complete, the machine will stop automatically. Remove the hose from the stopper.
6. Place the bottle vertically on a level surface. Make sure the liquid does not touch the stopper.
7. Simply remove the stopper if you want to open the bottle.

## ***Food Storage and Safety Information***

The VS 105 vacuum Sealer will revolutionize the way you buy and store food. Because vacuum packaging works to eliminate freezer burn and slow food spoilage, you are now able to take advantage of buying food in bulk without the threat of food waste.

Vacuum packaging with the VS 105 Vacuum Sealer removes up to 90% of the air from the package. This will help keep food fresher up to 5 times longer than under normal circumstances. Dry foods like pasta, cereals and flour will stay fresh from start to finish. Plus vacuum packaging prevents weevils and other insects from infesting dry goods. Package only the freshest foods possible.

However, please keep in mind that not all foods benefit from vacuum packaging.

**Never vacuum package garlic or fungi like mushrooms. A dangerous chemical reaction takes place when air is removed, causing these foods to be dangerous if ingested. Vegetables should be blanched before packaging to kill any enzymes that may cause deterioration of out-gassing when vacuumed.**

<b>Foods</b>	<b>Vacuum Freezer Storage</b>	<b>Vacuum Fridge Storage</b>	<b>Typical Storage</b>
<b>Fresh Beef &amp; Veal</b>	1-3 years	1 month	1-2 weeks
<b>Ground Meat</b>	1 year	1 month	1-2 weeks
<b>Fresh Pork</b>	2-3 years	2-4 weeks	1 week
<b>Fresh Fish</b>	2 years	2 weeks	3-4 days
<b>Fresh Poultry</b>	2-3 years	2-4 weeks	1 week
<b>Smoked Meats</b>	3 years	6-12 weeks	2-4 weeks
<b>Fresh Produce, Blanched</b>	2-3 years	2-4 weeks	1-2 weeks
<b>Fresh Fruits</b>	2-3 years	2 weeks	3-4 days
<b>Hard Cheeses</b>	6 months	6-12 weeks	2-4 days
<b>Sliced Deli Meats</b>	not recommended	6-12 weeks	1-2 weeks
<b>Fresh Pasta</b>	6 months	2-3 weeks	1 week

## ***Vacuum Packaging Tips***

Vacuum packaging greatly extends the shelf life of foods, but your VS 105 Vacuum Sealer can also be used in many other areas of the house besides the kitchen.

### ***Vacuum packaging is great for camping and outdoor activities!***

- For a quick & reusable ice pack, fill a vacuum bag about half full with water and a few tablespoons of rubbing alcohol. Seal the bag - don't vacuum it - and place in the freezer. The alcohol keeps the water from freezing completely, resulting in a flexible ice pack to wrap around sore joints and minor injuries.
- Vacuum package pre-made meals in advance for camping outings for quick and easy dinners in the great outdoors.
- Vacuum package meats and other items for odour-free storage.
- Create your own dry packs by vacuum packaging essentials like matches, dry socks and a map for emergencies.

### ***Around The House***

- Organize 'junk' drawers and keep easy to lose items like nails and screws safe by vacuum packaging them in a vacuum bag. That way, items are clearly visible and organized within the bag.
- Don't worry about polishing silver ever again! Simply vacuum package your rarely used silverware in vacuum bags to prevent the oxidation that causes tarnishing.

\*\* Hint: place a folded paper towel in between sharp edges of the silverware and the vacuum bag to prevent puncturing.



## ***Trouble Shooting***

If you encounter any issues with you VS105, please see below for trouble shooting guide before contacting customer support.

### **Note:**

**In order to maintain the longevity of your VS 105, we strongly recommend to pause at least 20 seconds between each seal.**

### ***The Vacuum Sealer won't turn on***

- Ensure that the machine is properly plugged into a grounded outlet.
- Check the power cord for tears and frays. Do not use machine if power cord is damaged.

### ***The Vacuum Sealer doesn't pull a complete vacuum with bags***

- To vacuum and seal properly, the edge of bag must be across the seal bar. Make sure the bag is inside the chamber seal gasket and that there are no wrinkles in the bag along the seal bar.
- If packaging from a roll bag, make sure first seal is complete and that there are no gaps in either seal.
- The Vacuum Sealer and vacuum bag need to be clean, dry and free of debris for the vacuum process to be successful. Wipe the surface of seal bar and inside of bag and try again.

### ***Vacuum bag loses vacuum after being sealed***

- Sharp items can puncture small holes in bags. To prevent this, cover sharp edges with paper towel and vacuum in a new bag.

- Some fruits and vegetables can release gases (out-gassing) if not properly blanched or frozen before packaging. Open bag. If you think food spoilage has begun, discard food. If food spoilage has not yet begun, consume immediately. If in doubt, discard food.

***The Vacuum Sealer is not vacuuming canisters properly***

- The accessory hose may not be properly attached. Ensure the hose is completely inserted into the lid of the canister and the accessory port and try again.
- Make sure the canister lid is turned to the “Vacuum” setting.
- Leave adequate head space at the top of the canister.
- Make sure there isn’t any damage to the canister and lid. Sometimes hairline cracks can develop in canisters. When this happens the canister is no longer air tight and should be discarded.
- Twist knob on lid of canister to make sure it is attached securely.

***In the rare case of a program error, the machine may not work well.***

- Disconnect the power then re-connect it.

**Thank you for purchasing the Pac Food VS 105 Vacuum Sealer. *Happy Vacuuming!***

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