



Operating Instructions

V.100[®] Premium

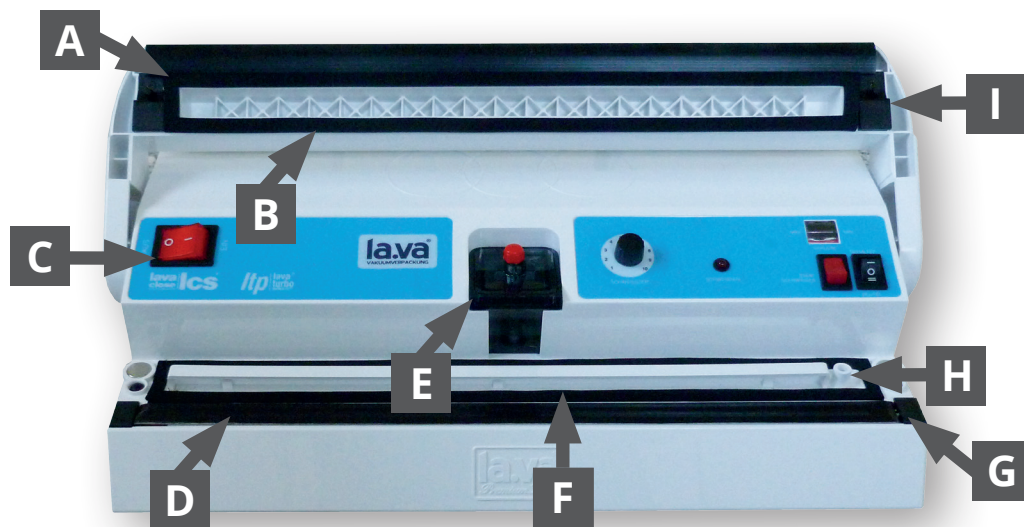
(Art.Nr. VL0100P)

Your Lava vacuum packing machine is covered by a two-year warranty. This warranty specifically excludes breakdown caused by liquid entering the air-pump. It is very important that you are aware that allowing liquid to enter the air-pump will cause the machine to breakdown and invalidate your warranty.

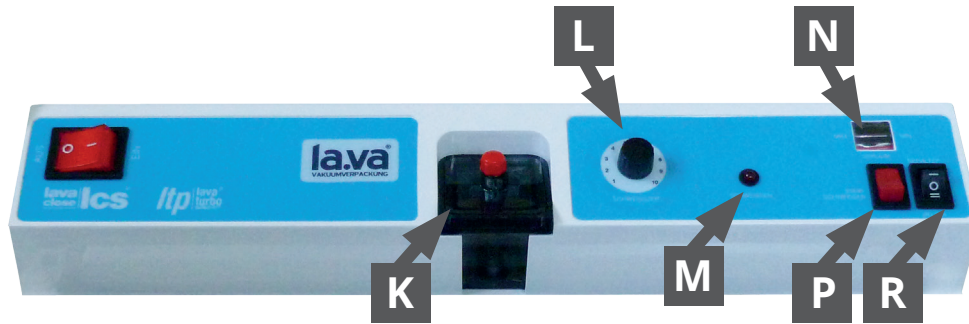
If you are vacuum packing items which have a high liquid content (soup etc.) then you should use acrylic containers rather than bags, as the design of containers prevents liquid from being drawn into the machine. All Lava machines are fitted with a liquid trap which prevents liquid from entering the pump. However, once the liquid trap is full the liquid has nowhere else to go and will be sucked into the pump. If you see liquid being drawn out of the bag and into the machine then you must stop the machine immediately and empty out the liquid trap.

The cause of the problem needs to be determined and this is usually “over-packing” something which contains a significant amount of liquid. For example, raw meat has a fairly high liquid content and if you “over-pack” it, you will squeeze the liquid out of the meat and into the bag which will then be sucked into the machine. A new product called Liquid Stop can also be used to prevent this problem.

To prevent “over-packing” you need to seal the bag before maximum pressure is reached. This will have some effect on the longevity of the product being packed since less air is being removed, but it can improve the presentation of softer food items as they will be able to keep their shape better.



- A. Top rubber sealing strip
- B. Top vacuum rubber seal
- C. On/Off switch
- D. Sealing strip element
- E. Liquid trap with pressure release valve
- F. Bag locator strip
- G. Bottom vacuum rubber seal
- H. Vacuum pump attachment inlet
- I. Lid

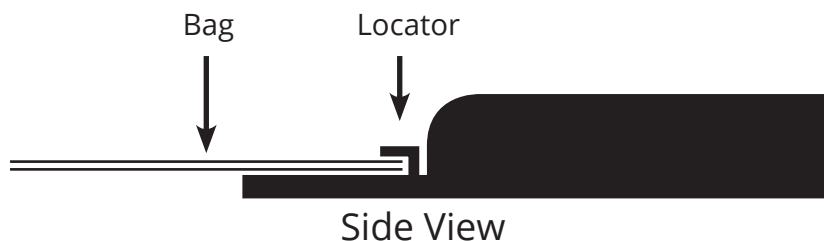


- K. Liquid trap with pressure release valve
- L. Duration of bag sealing time
- M. Light indicator bag sealing
- N. Vacuum pressure indicator
- P. Bag sealing switch
- R. Control of vacuum pump
 - I = Vacuum pump ON for use with pump attachment
 - O = Vacuum pump OFF
 - II = Automatic engagement vacuum pump when lid is closed

Vacuum Packing in Bags

Place the machine on a flat level work surface. You will need to allow enough space in front of the machine to lay the bag flat and you may find it easier to place a one inch high cutting board or something similar underneath the bag to keep it as flat as possible.

1. Plug-in the machine and switch it on using switch (C). The switch should light-up red. If not then check both the power supply and fuse.
2. You should choose a bag that is the correct size. Allow an inch or so on either side of the item you want to pack and at least 2-3 inches at the top of the bag.
3. Set the vacuum pump control switch (R) to "II".
4. Set the rotary switch (L) which controls the bag sealing time to 5.
5. Place the item in the bag and place the bag with the rough/embossed side down. Lift the front of the machine and place the top of the bag into the bag locator (F).



It is vital that the top of the bag is correctly located with the full width of the bag **inside** the bag locator. Failure to locate the bag properly is the most common cause of problems with Lava machines.



6. Close the lid and you will hear the pump start up. You must then **press down across the full width** of the lid. (Only slight pressure required on *Premium* Models with magnetic lid). This is most easily achieved by placing your hands as shown. Failure to press down across the full width of the lid and hold down firmly, for a few seconds, is the second most common cause of problems with Lava machines.
7. After a few seconds the vacuum indicator (N) will show the increasing vacuum pressure and you will see the air being drawn from the bag. If this is not happening after ten seconds then lift the lid and make sure that the full width of the bag is **inside** the locator strip.
8. When the desired pressure is reached, firmly depress and hold switch (P). The red sealing indicator light (M) will come on. When the light goes out you can release the switch. The bag is now sealed. You will need to push down on the red pressure release valve (E, K) before you are able to open the lid of the machine. Please remember you can instigate the sealing at any time during the vacuum process, you do not need to wait until full pressure is reached. This can be beneficial when packing moist or softer items.

You can now raise the lid and remove the sealed bag. Before packing other items, check that the seals look OK – see Checking the Seal.

Checking the Seal

The V100 seals bags with a single seal (double seal on *Premium* models). This should be a clear line running uninterrupted the full width of the bag. If the bag is melted through then you will need to turn the rotary switch (L) down a little. If the seal is interrupted then you will need to turn the rotary switch up. Once this has been correctly set for the type of bags you are using, you should not need to alter it again.

Please remember to keep the area of the bag to be sealed clean from grease or liquid, contamination can also cause a bad seal.

Vacuum Packing in Containers

Acrylic containers are ideal for packing things such as fresh salad, soups or soft fruit like raspberries or strawberries. They are also great for curing and speed marinading meats.

1. Place the machine on a flat level work surface. Plug-in the machine and switch it on using switch (C). The switch should light-up red. If not then check both the power supply and fuse.
2. Lift the lid and place the end of the container attachment tube into the inlet (H).
3. Place the food item into the acrylic container and close the lid firmly.
4. Set the vacuum pump control switch (R) to "I".
5. The pump will start up and begin sucking air through the container pump attachment.
6. Place the container attachment over the valve on the top of the container and press it down firmly. When the ORANGE nipple inverts, found on the container lid, switch the vacuum pump control switch (R) to "0". DO NOT over vacuum the container this could cause it to crack or even implode.

Please note that you will not be able to remove the lid from the container until you have released the pressure by pressing the release valve on top.

Using Continuous Rolls

Continuous rolls give you a lot of flexibility when packing and keep wastage to a minimum. These must be cut to length and one end heat sealed before use. You will need to allow an extra inch or so for the first/bottom seal (which you should make with nothing in the bag) and about three inches for the top seal. The quickest way to make the first/bottom seal is as follows:

1. Set the vacuum pump control switch (R) to "II".
2. Place the end of the roll in the machine. You do not need to place the end of the roll into the locator strip, just place it over the Teflon heating strip.
3. Close the lid and press down firmly.
4. Depress and hold switch (P). The red sealing indicator light (M) will come on. When the light goes out you can release the switch. The roll is now sealed ready for use.
5. Set the vacuum pump control switch (R) to "0".
6. You will need to push down on the red pressure release valve (E, K) before you are able to open the lid of the machine.

Emptying the Liquid Trap

The Lava range of vacuum packing machines have been equipped with a liquid trap (E, K). If at any time liquid of any sort enters this trap please stop the machine immediately. The liquid trap is designed to stop liquids from entering the vacuum pumps and damaging components beyond repair. This important facility is not found on other inferior makes and distinguishes the Lava machines from other competitors.

To empty the liquid trap switch the machine off, remove the lid of the liquid trap and dry out the inside of the trap using a paper towel or similar. You can then replace the lid.

Cleaning

Always unplug and switch off the machine before cleaning.

Wipe the machine down with a damp cloth.

Make certain that the machine is completely dry before using.

Warning

The vacuum packing unit is not a toy and should not be used by children.

Keep bags out of reach of children.

Never submerge or spray water on the vacuum packing machine.

Always disconnect from power when not in use.



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