

volac 



EWE2 PLUS

Lamb Feeder

Operating Instructions

(Can feed up to 40 orphan/surplus lambs)

50 Litre Capacity

Instructions for Use

Your Volac **EW2 PLUS** feeder is easy to operate and will save you valuable time during one of the most labour intensive periods of the year. Follow the instructions carefully and ensure that all safety requirements are followed.

Safety First

Always unplug the machine before moving, cleaning, re-filling the water reservoir etc. and allow the water to cool to a safe working temperature.

Ensure that the **EW2 PLUS** is secured in a level, dry position and that all wiring and sockets are kept clean and dry.

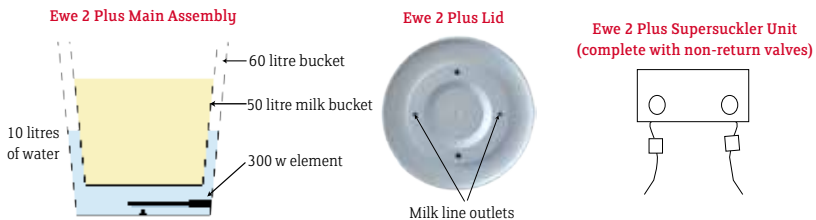
Ensure that a circuit breaker is fitted between the mains supply and the **EW2 PLUS**.

Replace the fuse in the plug with a **Quick Blow fuse only (3.15 ampere 20mm long)**

Always ensure that the heater tube is fully submerged in water when the machine is switched on.

Important; Cover the element with water before switching on electrical supply. To avoid blowing the element, do not empty out water or pour hot or cold water over the element when hot.

Step by Step Operators Guide



- 1 Place the empty feeder in position, outside the pen, ensuring that it is level. The **EW2 PLUS** feeder is designed to work in conjunction with Volac Minisucklers which should be set up as described in the assembly instructions. It is possible to run two Minisucklers from the **EW2 PLUS** through the tube holes provided. However, should one be sufficient, the spare holes can remain plugged.
- 2 The element is preset to heat water from cold to between 10-35°C. You can influence the temperature by adjusting the control knob, clockwise to increase the temperature, and anticlockwise to decrease the temperature. Each mark represents an increment of approximately 4°C. Volac recommend 30°C to get lambs started, reducing to 20°C once lambs are trained to suckle on this feeder. (Only pre-mixed milk to the correct temperature should be put into the container).
- 3 Fill the large bucket with 5" of water or to the line marked on the outer label. You can use cold water, which can take about an hour to reach the preset temperature, or you could use pre-warmed water to speed up the process.
- 4 Now you can plug the **EW2 PLUS** into the electricity supply.

- The light on the thermostat plug will illuminate as it heats the water to the required temperature. The light flashes as the temperature approaches the set point. When the correct temperature is reached the light will go out. Once the jacket of water is at the correct temperature, mix up the milk for the lambs as instructed on the bag, (200g powder for each litre of warm milk required), Place approx. 10 litres of warm water (30°C for younger lambs, 20°C for older lambs) in the inner bucket, add 5kg Lamlac and mix well, then top up with water to a total of 25 litres of mixed milk. Carefully lower the smaller bucket of milk into the large bucket. Ensure that the milk tubes are in place before closing the lid.

Optional Extras: Available from Volac

- In very cold weather you may wish to use a thermal jacket, which will reduce heat loss. The jacket is easily fitted by fastening it around the outer bucket with straps. To avoid over-heated milk the jacket should be removed in warmer weather.
- Additional Minisuckler for rearing larger batches of lambs.

Ewe 2 Plus Insulation Jacket
(for very cold weather)



Assembling the Minisuckler



To watch a video of the assembly of the Ewe2 Feeder visit www.volac.com/Ewe2feeder

- Fix the Minisuckler plate to the wall of the pen with screws, nails or by tying through the corner holes so that the teats are 30-40cm (12"-15") from the ground.
- Take the teats and push through the back of the plate and screw in the fittings.
- Attach the silicone tubing to each fitting.
- Next cut the tubing approximately 15cm (6") from the screw-in fittings and insert the non-return valves. These must hang vertically to work efficiently.
- Insert the metal weights in the ends of the silicone tubing which will be sitting in the milk and ensure the white filters are attached to the metal tubes.
- Finally place the end of the tubes through the holes in the lid of the **EW2 PLUS**, so that they just reach the bottom of the milk bucket. Squeeze the teats to draw the milk into the teats ready for the lambs to suck.
- Allow a maximum of 10 lambs per teat.

NB Lambs should be started on the softer white/yellow teats and moved onto the harder red teats once they are sucking vigorously.

Hygiene

Warm milk is the ideal breeding ground for bacteria. Therefore daily cleaning of the feeder and tubing is necessary and will ensure that your lambs thrive. Hot water and a detergent steriliser are the most effective cleaning materials.

- Ensure that the lambs have a constant supply of milk available to them. Any milk left after 24 hours should be discarded although, for best results, the bucket should be cleaned out and refilled with fresh milk every 12 hours.
- You should replace the water in the larger bucket at least once a week and check the level regularly to ensure that the heater element is always covered.

Maintenance

Removing defective/broken stainless steel element

- 1 Disconnect unit from electrical supply.
- 2 Pour hot (not boiling) water containing washing-up liquid (not boiling) into unit to soften plastics prior to removal.
- 3 Grip stainless steel tube, twist to break seal and carefully push out element.
- 4 **DO NOT PULL FROM EXTERNAL CONTROL BOX.**

To fit new stainless steel element

- 1 Place seal into cup or bowl and pour on hot (not boiling) water to soften seal.
- 2 Place the warm seal in locating hole with extended side uppermost. Lubricate stainless steel tube with washing-up liquid or similar and push into position. Ensure control box is upright before insertion with the cable uppermost on the right-hand side.
- 3 Carefully re-fit sucker support to the end of the stainless steel tube. **DO THIS WHILST SEAL IS WARM AND SOFT.**
- 4 **DO NOT** soften or distort the wall of the warming bucket when re-inserting the replacement element.
- 5 The controller is fitted with an electrical cut-out, which will activate if the unit is used without water in the bucket. If it cuts out the unit should be switched off for 10 minutes, then the bucket filled with water and switched on again. The unit will have reset itself. If you still have no power, check the fuse and if still faulty, consult your electrician.

Lamb Volostrum®

A natural alternative to colostrum.

Volac Lamb Volostrum's guaranteed high level of proteins and oil supply a readily available source of nutrients and energy to help get the lamb off to a good start in life and guard against hypothermia.

Typical Analysis

Crude Protein 76%	Crude Fibre 0%	Crude Oils & Fats 8%	Crude Ash 3%	Sodium 0.15%
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- ✓ **Easy Mixing**
- ✓ **Vital Energy Boost**
- ✓ **100% Natural**



To watch a video on how to mix
visit www.volac.com/Lambvolostrum

EW2 PLUS Parts



M001706
Single backplate



M174021
Silicone tubing
for **EW2 PLUS**



M004020
Red lamb teat (hard)



M001235
Minisuckler
Non-return valve



A071758
Heater complete with
thermostat



A071789
Black rubber seal
old heater



A071760
Suction pad
Old heater



M001708
Minisuckler connector



M174079
Metal tube for
minisuckler



M004015
White lamb teat (soft)



M017220
Minisuckler filter
(white)



A071786
EW2 PLUS outer
bucket

A071791
EW2 PLUS inner
bucket



M003005
Minisuckler
Unit with
Steel tube

Lamlac®

Lamlac is the ideal substitute for ewes milk. It has been continuously developed over a period of 20 years to become today's most widely used milk replacer for lambs. It incorporates the latest technology that allows all the goodness and health protection of natural milk to be gently dried into a pure powder that is fortified with essential oils, vitamins and minerals.

Easy-Mixing

Lamlac has been specifically developed to mix into water with very little effort, whether the water is warm or cold. It remains in suspension for up to 24 hours making it ideal for rearing groups of lambs on any system. Follow the simple mixing instructions on the bag for excellent results.

 Watch video - how to mix Lamlac
visit www.volac.com/lamlac



Packaging

Lamlac Instant - available in 5kg, 10kg and 25kg bags.

Lamlac Freeflow - available in 25kg bags.

Storage

Store below 25°C in a dry area. Shelf life is 18 months from date of manufacture.

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