

**Volac Ewe 2**

**Lamb Feeder**

**(for rearing orphan/surplus lambs)**

**25 Litre Capacity**



**Operating Instructions**

**volac** 

## Instructions for Use

Your Volac Ewe 2 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 Ewe 2 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 Ewe 2.

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



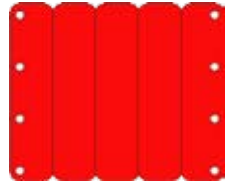
1. Place the empty feeder in position, outside the pen, ensuring that it is level. The Ewe 2 feeder is designed to work in conjunction with Volac Minisucklers which should be set up as described in the assembly instructions. It is possible to run two Minisucklers from the Ewe 2 through the tube holes 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.
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 Ewe 2 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, i.e. to fill the Ewe 2 with 25 litres of mixed milk, 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

Ewe 2 Insulation Jacket  
(for very cold weather)

- 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.



## Assembling the Minisuckler

- 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 and ensure the yellow filters are attached to the free ends.
- 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.
- Finally place the end of the tubes through the holes in the lid of the Ewe 2, 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. The milk should be changed every 12 hours for best results and must not be left in the bucket for more than 24 hours. Any milk left after 24 hours should be discarded.
- 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 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.

## Made in Wales using Milk from British Farms

Lamlac is the ideal substitute for ewes milk. It has been continuously improved and 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 and what is more it is made using British milk in our factory in Wales.

### 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.



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