TI0410

Electric Milk Warmer
From Dairy Spares Ltd

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MW11 Electric Milk Warmer

Ideal for warming calf milk and colostrum

There is no doubt calves do better on warm milk. They grow faster and are less susceptible to disease, a fact alone that makes the milk warmer an essential piece of equipment.

The milk warmer will heat 100 litres of milk from 17°C to 37°C in approximately 1 hour.

Simply immerse the milk warmer in the milk to the correct depth (described overleaf), set the thermostat to the desired setting and connect to a suitable electrical supply.

The heating element of the milk warmer is coated In PTFE offering several advantages. It has non-stick dirt resistant properties that make it very easy to clean, is resistant to many chemicals including acid attack and will prevent burning of the heating ring due to its tolerance of high temperatures.

The mik warmer is maintenance free with correct usage and storage.

Technical Data:

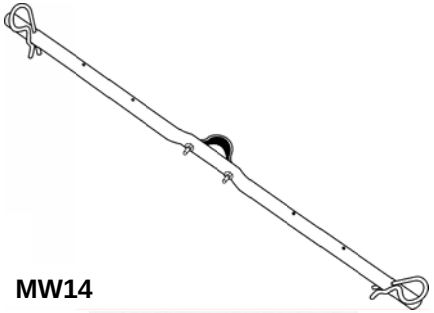
Power Consumption: 2300W	Voltage: 230 Volts AC
Weight: 4.6 kg	Protection: IP 44

Purpose:
The milk warmer is designed for heating up milk and food prepared with water. For other purposes, for example preventing water troughs from freezing, the milk warmer is not suitable.

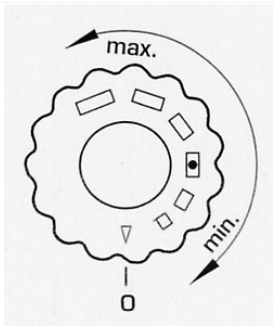
Operating Instructions:

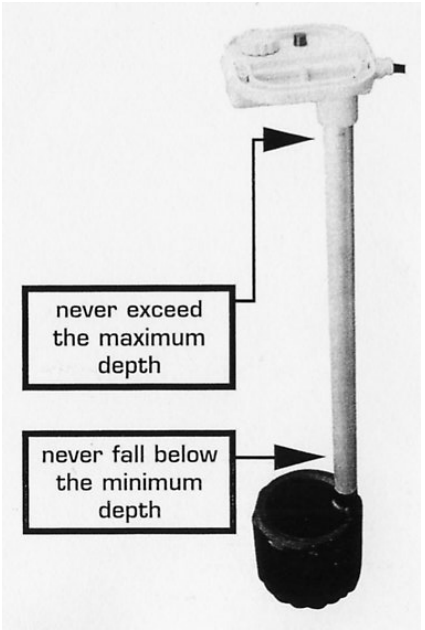
1. Immerse the milk warmer heating element into the liquid. Pay attention to the **minimum depth** that is marked by the little groove on the tube just above the heating element. The **maximum depth** is marked further up the tube and must not be exceeded. For deeper containers and plastic bottomed containers the warmer should be suspended or stood on a suitable stand. **Do not** suspend the warmer by its handle, a bracket is available for this purpose (MW14). The MW14 bracket should be positioned no higher than the 'MAX' depth marker. The heating element **must always be completely immersed and the handle must never be in contact with the liquid.**

2. Connect to a mains outlet that has been installed by a qualified electrician. After having plugged in and switched on the milk warmer, the liquid must no longer be touched.



MW14





3. Set the desired temperature with the thermostat. (**O**) corresponds to "off", ⊡ corresponds to a temperature of approximately 40°C and ▭ to a temperature of about 100°C. While heating up the red control lamp lights up.

4. **ATTENTION: Only use your milk warmer under permanent supervision.**

5. Pay attention that the level of liquid does not drop below the indicated minimum depth when heating up over a longer period of time. Under no circumstances cover the milk heater or the container.

6. When the red control lamp goes out the desired temperature has been reached. Set the thermostat to the (**O**) "off" position and disconnect the unit from the electric supply. Leave the milk warmer immersed in the liquid for another minute before you remove it.

7. The heating element will still be hot after it has been removed from the liquid and must not be touched. Place the milk warmer on an non combustible surface. **Never** place it on combustible materials (e.g. straw).

8. The milk warmer has to be cleaned after each use . The bottom part of the milk warmer can be cleaned with a brush and luke warm soapy water. For cleaning the handle, please use a soft cloth free of any solvents (acetone, petrol, alcohol, etc.).

Maintenance and repair:
The milk warmer is maintenance-free.
In the case of a malfunction the unit should be stopped immediately. If the milk warmer requires repair, consult a qualified electrician or send the unit back to the manufacturer. A defective connecting cord must only be replaced by the manufacturer or a qualified electrician.

Time taken to heat 8 litres of water from 14°C initial temperature.

10 minutes 35°C	27 minutes 85°C
20 minutes 62°C	29 minutes 90°C
23 minutes 75°C	33 minutes 95°C

Maximum Performance 110 - 120 degrees.