

Instructions manual

Frame sterilising device



LYSON  **N**

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The manual covers following devices (codes):

W4097_SE

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1. General safety instructions

Before first use read the manual carefully and follow the instructions contained therein. The manufacturer is not liable for damage caused by equipment used inappropriately or by incorrect handling.

1.1. Intended use

1. The steriliser is designed for thermal cleaning of frames (without wax) from microorganisms.
2. The sterilizer should be washed before the first use, set on the place where it will work.



1.2. Electrical safety

1. The electrical supply system must be fitted with a residual-current circuit breaker with rated tripping current not higher than 30mA. Performance of the circuit breaker should be checked periodically.
2. Periodically check the condition of the power cord. Replace the power cord if damaged. Replacing the power cord can only be performed by the manufacturer or by qualified personnel. Do not use the device if the power cord is damaged!
3. Make sure that the main switch is in „0” position before plugging the unit in.
4. Connect the device to a socket with voltage specified on the rating plate of the product.
5. Carefully connect the plug into the mains socket. Make sure your hands and the floor surface in the room are dry!
6. Do not move the device during operation.
7. Protect the electrical components against moisture (also during storage).
8. Do not pull the power cord. Keep the power cord away from heat sources and sharp edges to ensure its good condition..



1.3. Operation safety

1. The device is not intended for use by persons (including children) with limited physical, sensory or mental abilities, or by inexperienced users, unless under supervision or with instructions given by an accountable party. This device is not a toy, and shouldn't be used as one. Children should not to play with it.
2. In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.
3. Never carry out any maintenance or repairs during operation or if the device is plugged in!

4. Do not use or store the device at the ambient temperature below freezing.
5. If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches room temperature.
6. During the operation mind the strongly heated tank and the lid of the sterilizer.
7. Use thermal protective gloves to handle the unit during operation.



**WARNING !!!
HOT SURFACE!!!**

2. Product description

The steriliser is made entirely of acid resistant stainless steel -. Its purpose is a process of thermal destruction of all microorganisms that may be present on frames taken out of the hive and being prepared for the next season. The device should be used to sterilize only the frames without the combs with wax. Place the frames on perforated rack "3". Before starting the device fill the heater with water and during the operation of the sterilizer control the water level regularly to make sure that the heater is submerged.

2.1 Design

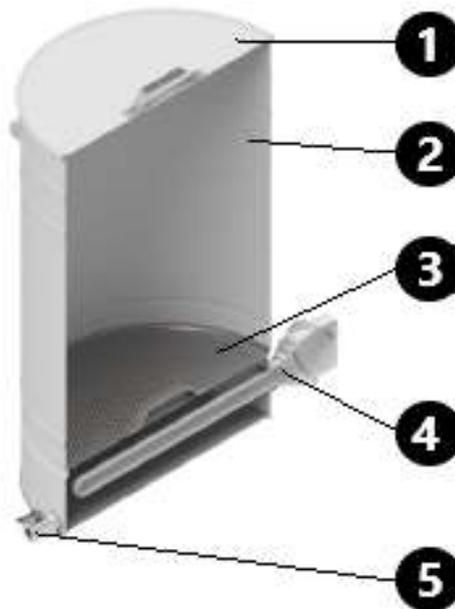


Fig.1



Fig.2

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Elements:

- 1-cover
- 2-tank
- 3-perforated frame rack
- 4-6kW heater
- 5-water draining ball valve 1/2"

2.2 Heater

-heater "4" (fig.2) power rating of 6 kW and 400V power supply voltage with a built-in temperature regulator and the adjustment range of 50-190 °C. The temperature is adjusted manually with a potentiometer.

2.3 Technical specifications

- power supply 400V
- heater 6kW
- temp. range 50-190 °C
- capacity 150 L.
- tank weight 16,5kg.
- ext. dimensions: 515 x 630 x H-840mm.
- effective dimensions: Ø500 x H-660mm.

Warning

DO NOT let water surface to get lower than the top of the heating element!!!

This will cause the permanent damage to the heater!!

3. Storage

Clean and dry the unit thoroughly after use. Store the device in a dry and frost-free room. An additional technical check should be carried out periodically, and if any defects are found, please contact the manufacturer.

4. Cleaning and maintenance



Unplug the device and let it completely cool down before commencing any maintenance or cleaning procedures!

While cleaning ensure the safety of all electrical components (for the time of washing cover them with waterproof fabric or plastic film). Dry thoroughly after washing. An additional technical check should be carried out before the start of the pollen harvesting season, and if any defects are found, please contact the manufacturer

5. Waste disposal and environmental protection

The used product must be disposed in accordance with the local regulations. Return the device to a collection point from where it can be submitted for environmentally compatible recycling.

The consumer has the right to return used equipment directly to the manufacturer's distribution network, free of charge, while replacing it with a new unit as long as the used device is of the same kind and same application as the newly purchased device.

6. Warranty

The product purchased from the Lyson Company is covered by a manufacturer's warranty. The warranty period is 24 months from the date of purchase.

All purchased products come with receipts or VAT invoices.

Warranty details at:

www.lyson.com.pl