

# Instructions Manual

## Water De-crystalliser



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This manual covers following devices (codes):

**W4051-2, W4051-4, W4051-6**

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# Water De-crystalliser

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. General safety instructions



### 1.1. Electrical safety

- Make sure that the nominal voltage of the device and power source are compatible. Connect to a grounded socket only.
- 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.
- 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!
- In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.
- Do not pull the power cord. Keep the power cord away from heat sources and sharp edges to ensure its good condition.



### 1.2. Operation safety

- 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.
- Make sure the floor surface in the room is dry!
- Do not move the device during operation
- Protect the control unit and any electrical component against moisture (also during storage).
- Never use this device near flammable materials.
- Never carry out any maintenance or repairs during operation or if the device is plugged in!
- For indoor use only. The device is not suitable for outdoor use.

**WARNING !!!**

**HOT surfaces (tank)**



## 2. Product description

The device is intended for de-crystallisation of honey. Appropriate construction allows for even heating of containers with honey on the entire surface of the device.

**WARNING!!!**

**While the unit is operating, periodically check the water level inside the tank.**

### 2.1. Design



Fig.1

#### Elements:

- 1- heater with temperature regulator
- 2- tank
- 3- perforated bottom covering the heater

## 2.2. Technical specifications:

- **W4051-2**
- Acid-resistant stainless steel tank
- heater power supply (3) – 230V
- heating power – 2000W
- temperature adjustment range 0 to 80°C
- weight – 10,5 kg.
  
- outer dimensions. L\*W\*H.  
525\*275\*444 mm.
  
- **W4051-4**
- Acid-resistant stainless steel tank
- heater power supply (3) – 230V
- heating power – 2000W
- temperature adjustment range 0 to 80°C
- weight – 21 kg.
  
- outer dimensions. L\*W\*H.  
620\*525\*445 mm.
  
- **W4051-6**
- Acid-resistant stainless steel tank
- heater power supply (3) – 230V
- heating power – 2000W
- temperature adjustment range 0 to 80°C
- weight – 31,5 kg.
  
- outer dimensions. L\*W\*H.  
776\*525\*444 mm.

### **WARNING!**

**Check the water level regularly to avoid burning the heating element in the water tank.**

## 3. Temperature regulator

The device is equipped with a heater with temperature adjustment in the range of 0 to 80°C with a power of 2000W.



## 3.1. Setting up

1. Make sure that the heater is switched off.
2. The knob on the heater panel should be in the minimum position on the scale (off).
3. Fill the tank with water so that the heater is fully submerged before switching the unit on.
4. After switching the device on, turn the knob on the heater panel to the appropriate position and check the temperature from time to time with a thermometer (the thermometer is not included).
5. If necessary, correct the position of the knob according to the desired temperature.

## 4. Storage

Clean and dry the unit thoroughly after use. If the device has been moved from a cold room to a room with a higher temperature, before switching on wait until it reaches the ambient temperature and all condensation water evaporates. 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.**

## 5. Cleaning and maintenance



### **NOTE!**

### **Pull the plug before cleaning!**

Before first use and after finishing work the equipment must be thoroughly cleaned and dried. Clean with hot water using detergents allowed in food industry. Wash the appliance with a soft cloth, taking care to protect the electrical components.

After washing, rinse thoroughly with clean water and dry. Store the device in a dry place. No parts of the device require chemical conservation.

## 6. 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.

## 7. 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](http://www.lyson.com.pl)