

Instructions manual

Compact honey pumping-creaming device – 0.37kW



LYSON

Przedsiębiorstwo Pszczelarskie Łyson

Spółka z o.o.

34-124 Klecza Górna, st.Pszczela 2, Poland

www.lyson.eu, e-mail; lyson@lyson.com.pl

Tel. +48 33/875-99-40, +48 33/870-64-02

The manual covers following devices (codes):

W2021G400

Table of contents

1. General safety instructions
 - 1.1. Intended use
 - 1.2. Electrical safety
 - 1.3. Operation safety
2. Instructions for use
 - 2.1. General instructions – preparation for use
 - 2.2. Operation instructions
3. Product description
 - 3.1. Product design
 - 3.2. Technical specifications
4. Storage
5. Maintenance and cleaning
6. Waste disposal and environmental protection
7. Warranty

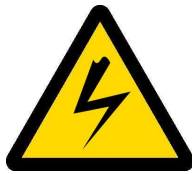


1. General safety instructions

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 pump is designed for pumping or creaming honey.
2. Before use, the pump should be thoroughly washed with warm water and a small amount of detergent approved for washing food processing equipment.



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. The cover must be closed during operation! Do not open the cover during dehydration process.

7. Do not move the Pollen Cleaner during operation.

8. Protect the motor and the control unit against moisture (also during storage).

9. 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.

2. This device is not a toy, and shouldn't be used as one. Children should not to play with it.

3. In the event of damage to the device, to avoid any health and safety risks, repairs should be carried out only by qualified personnel.

4. Never carry out any maintenance or repairs during operation or if the device is plugged in!

5. All covers must be firmly attached to the device during operation

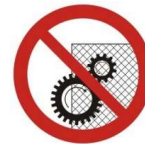
6. In case of any danger, use the safety switch immediately. The device can be restarted after the hazard has been eliminated.

7. For indoor use only. The device is not suitable for outdoor use.

8. Do not use or store the device at the ambient temperature below freezing. 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.



Never carry out any repairs during operation



Do not remove covers during operation



Do not use to pump flammable liquids

2. Instructions for use

2.1 General instructions – preparation for use

1. Set the device up in a designated, clean, dry and well lit room.
2. Keep a free space around the device for better handling.
3. Once the dehydrator is set up, lock the caster wheels to prevent the device from moving.
4. Provide easy access to the power source.
5. Closely follow the instructions of use.

2.2 Operation instructions

1. The pump is designed for pumping or creaming honey.
2. The pump can pump honey in two directions as required.
3. The device has to be cleaned before the first use and after finishing work according to the instructions in the "Cleaning and Maintenance" section.

4. Before start:

- plug the power cord (8) into the socket,
- Connect the hoses Ø40 (not supplied) to the pump module (4) using the quick couplings (7).
- flood the toothed module (4) with a small amount of honey through the suction line, this will facilitate the suction of the pumped honey.
- place the suction and discharge hoses into the corresponding tanks
- Switch the pump on with the main switch L-0-P (1).
- If the pumping direction is inappropriate, it is changed using the main switch (1).
- the unit must be cleaned and dried after use.



Attention!!! The pump module must always be washed of honey after operation.

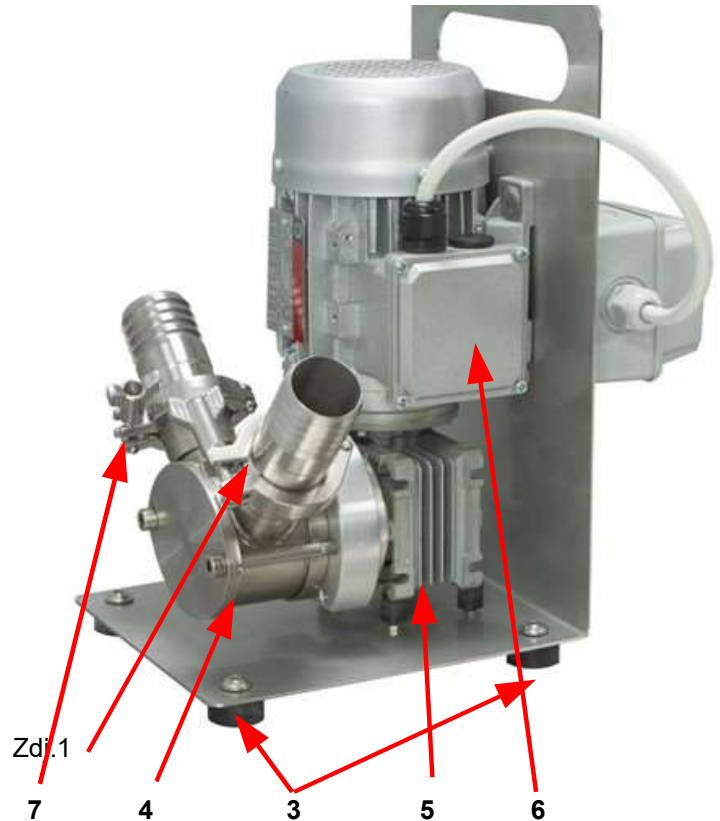
3. Product description

The pump is intended for pumping or creaming honey. It is characterised by a compact construction thanks to which it takes up little space during use. The module of the pump is easy to disassemble which facilitates its cleaning after the work is finished.

The creaming process principle is pumping honey into a container. The process consists in cyclic pumping of the honey over several days until the appropriate texture is achieved.

3.1. Product design:

- 1- main switch L-0-P
- 2- stand
- 3- rubber feet
- 4- pumping module
- 5- worm gear
- 6- motor
- 7- hose nozzles with clamps and seals



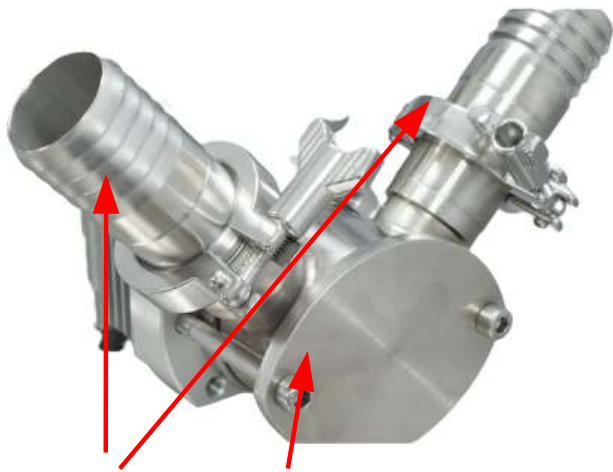


Fig.3

7

4

Pump module with hose connections (hose connections are included, hoses are not)



3.2. Technical specifications

- power supply - 400V / 16A
- power rating - 0,37 kW
- pump efficiency – approx.900 l/h.
- quick couplings Ø40-2 sets.
- Acid resistant stainless steel stand

Dimensions:

- height -350mm.
- width - 250mm.
- length - 350mm.
- weight – 12 kg

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.

Do not use the device when the ambient temperature is below 5°C.

5. Waste disposal and environmental protection



Pull the mains plug before starting cleaning!

The device should be thoroughly washed before first use and after operation. Special care should be taken when washing to protect the electrical components against water(they can be covered with a waterproof material for the time of washing).

After washing, rinse thoroughly with clean water and dry.

Clean the device in two phases: preliminary and final (disinfecting).

Preliminary phase – rinsing out the honey from the nozzle and dosing module. When pumping/creaming is complete, do not dismantle the unit.

Immediately after working with the unit, place the suction hose into a container with warm water and pump about 40L of warm water to flush out the pump module. For this operation, prepare approximately 40 litres of water heated to a temperature between 40°C and 50°C. This process protects the unit from damage that may be caused by crystallised honey. In the event of improper rinsing of the device, the seal on the pump module shaft may get damaged. Damage resulting from improper cleaning of the module is not subject to warranty.

Final disinfection phase

-dismantle the pump module by unscrewing the two M8 Allen socket screws with Allen key "6" securing the cover (4a) of the module.

- thoroughly clean the space between the rotor blades. For cleaning you can use disinfectants designed for food processing equipment, then rinse thoroughly, dry and reassemble.

invoices.

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

Warranty details at:

www.lyson.com.pl

