

# Pollen dryer and warming cabinet Manual



## **Multifunctional device:**

**A. Pollen dryer.**

**B. Warming cabinet.**

Dear Customer,

Your pollen dryer and warming cabinet was carefully checked before it left the factory before packing and shipping. We urge you to carefully read the operating instructions before starting. Compliance with them is essential and noncompliance (misused) invalidates the Guarantee. Carefully follow manual in order to avoid accidents.

## **USER MANUAL:**

The unit should NOT be started before reading the manual! The manufacturer is not responsible for damage caused by the use of the device contrary to its intended use or due to inappropriate handling.

## **USE OF EQUIPMENT:**

1. This equipment cannot be used by children or by persons with reduced physical, mental ability. When being used by people with a lack of experience and knowledge, you must ensure adequate supervision and or instruction so that the associated threats were understood. Children must not play with the equipment or without supervision should not perform cleaning and maintenance of equipment. Children under 3 years of age should stay away, unless they are under constant care.
2. In the event of damage to device, repairs can only be carried out a qualified person. It is forbidden to do any repairs while device is running.
3. Note! Temperatures below 0 ° C may cause damage your device. In the case of storage or transport in below freezing temperatures, do NOT use the device until after 8 hours to allow time to warm up and dry any condensation from the electrical equipment.
4. The controller, the heating elements and the fans must be protected from moisture.

Clean the device before the first use. **During washing you must not allow moisture to enter the electronic equipment, the electric plug or the fans.**

## Transportation Safety

1. Before transportation, the equipment must be disconnected from the electricity supply. The device must be secured for the transport.

### Manufacturer's Declaration

The manufacturer declares that this product complies with the requirements of the Directive EMC 2004/108 / EC. which States that this machine is not a threat to human health.

## GENERAL TERMS OF USE

1. The device should be connected to the power supply ONLY in the OFF position
2. LED - Light switch
3. FUSE - fuse. If the demand for electrical current exceeds the safety level, a fuse opens once and must be replaced to reconnect the circuit
4. The main regulation of air flow is the air inlets (Pict. 1-2). Additional sliding ventilation is located on the side of the cabinet.
5. Open the air inlets for pollen drying. Close the air inlets for decrystallizing honey.
6. Temperature settings: Press Up or Down arrow.
7. The M and SET buttons are used only for service settings.
8. Recommended temperature for decrystallizing honey 40° C - 50° C
9. Recommended temperature for pollen drying 35° C - 40° C max. Drying time depending on the type of bee pollen ca. 12-24 hours. Please make sure to check the pollen in between 12-18 hours. On average it takes 18 hours.

Tips and tricks:

Uniform distribution of heat:

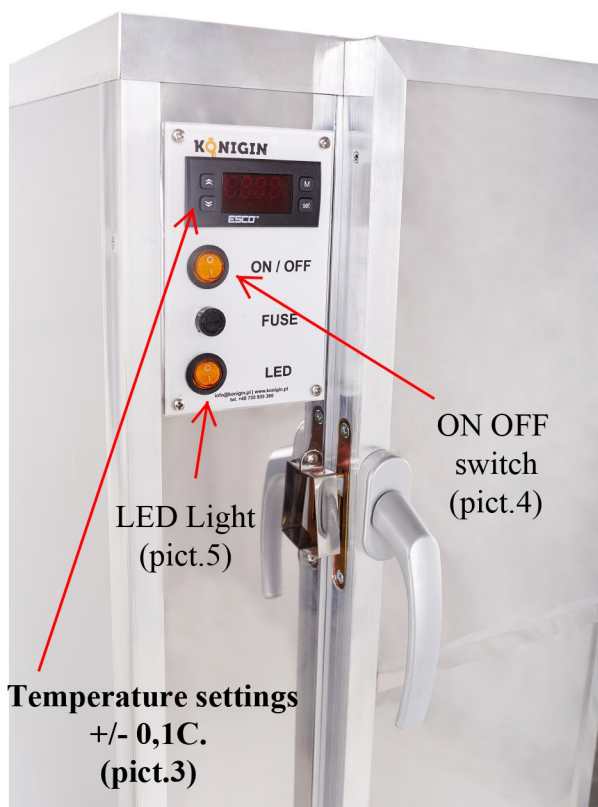
Heating element and cooling fans are placed on the side of the cabinet to optimize performance of the drying process. Warm air circulates evenly over each drawer. **Than mean there is no need to move the drawers up and down during the drying process to be able to achieve top quality dry pollen.**

Drying of the pollen:

- Set the temperature to 40° C max. Except corn, sunflower and pumpkin pollen. Due to their particularly high oil content special drying process is recommended. Therefore start with 30° C and increase the temperature by 2° C every 4 hours until you reach the 40° C. max.
- For the first 30 minutes of drying the air inlets should be closed and then open them fully.
- When turning up, the vair inlets alve rotates clockwise, when turning side the valves open fully, new models has redisnged valves that you need to pull out to open and push back to close. For pollen drying it is necessary to open it fully.
- The drying of the pollen takes about 12-24 hours.

## Liquefying crystalized honey:

- Set the temperature max. 50° C.
- Close the ventilation valves.
- On average it takes about 12-24 hours to decrystallize the honey.



Air inlets (pict.1-2)

**ATTENTION! M and SET buttons only for service technician**

## Accessories:

No. Cat. K1269



Pollen dryer drawer wooden frame

No. Cat. K1215



Inox shelf for honey jars

No. Cat. K1268



Pollen dryer drawer stainless steel frame