

PLUK Limited T/A Techtron UK

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USER MANUAL
DECRYSTALLISATION CHAMBER FOR EURO PALLET

The **Techtron Honey Warming Cabinet** is designed for the efficient and gentle decrystallisation of honey, helping to restore its natural liquid consistency while preserving its quality.

Equipped with **2kW heating element**, **insulated** and with an **integrated circulation fan**, the cabinet ensures even heat distribution throughout the chamber for consistent warming. A **digital temperature controller** provides precise temperature regulation, protecting the honey from overheating and maintaining its natural properties. Designed to accommodate a **standard Euro pallet**, the cabinet is ideal for processing large quantities of honey with ease.

Specifications:

- **Capacity:** 2 × 300 kg
- **Designed to fit:** Standard Euro pallet
- **Temperature range:** 30–55°C
- **Power supply:** 220V
- **Heating power:** 2 kW
- **Internal Size:** 1200x900x1000mm LxWxH

This warming cabinet is the perfect solution for commercial beekeepers and honey producers seeking reliable, efficient, and controlled honey decrystallisation.



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The intelligent temperature controller features a dual-row, three-digit LED display that simultaneously shows the measured temperature (PV) and the set temperature (SV) during normal operation. In timer mode, the display shows the measured temperature (PV) and the remaining countdown time (SV). The controller offers multiple timer control modes, providing flexible operation for a wide range of applications. It is widely used in automatic temperature control systems for industrial and mechanical equipment.

Operation instructions:

1. Set the desired temperature to **45°C**.
2. Switch on the heater.
3. The honey decrystallisation process requires **at least 24 hours**, depending on the quantity and condition of the honey.
4. To ensure even heating and effective decrystallisation, the honey should be stirred every few hours.



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