



FINNCOLD THAWING MODULE MTC-15

Product number **1101013015**

Technical information

Size	8890 x 2800 x 3300 (4300)
Capacity	9 – 15 euro pallets (5 400 – 9 000 kg) /process
Area of activity	-20 °C (-18 °C) ...+2 °C, Products in E2 boxes or trolleys -20 °C(-18 °C) ... -2 °C, Carton packages + spacers between layers. Optimal thawing process is achieved when the product's start temperature is -20 °C (-18 °C) in case of both the scheduled process and the so called direct thawing process.
Defrosting time	Varies by product / by packaging, indicative times: -20 °C...- 2 °C 8 - 12 h

-20 °C...+ 2 °C 12 - 18 h

Structure

The main electrical cabinet, cooling unit as well as water and compressed air connections for the moistening unit are installed in an integrated technical compartment.

Frame

Self-supporting metal subframe, 8 pcs support legs.

Weight

Total weight appr. 4 500 kg

POWER UNIT TECHNOLOGY

Cooling

Hermetic refrigeration compressor, refrigerant R449, cooling capacity of 7,2 kW (-8 °C / +32 °C). If the temperature of the surrounding environment exceeds +32 °C, the efficiency of the cooling compressor drops thus the thawing process is prolonged.

Heating

Electric resistor heating, power 60 kW

Air circulation

Air circulation with EC -fans (3 pcs)

Air flow guide

Rising and lowering with a spindle motors

PLC control

Control plc KOMETOS. The operating panel is located outside the container next to the door. Thawing equipment can be connected to the client's Ethernet data network through which Kometos has the opportunity for a secure service connection.

INTERFACE DATA

Electrical connection

400 V 125 A

Water connection

R ½", 4 bar

Compressed air supply

R ½", 2,8 bar

Drain connection

Ø 75 mm