

The Maxwell FREEZING CELL FOR PALLETS is designed for pallets of products (such as meat or fish) contained in stacked plastic crates. Its high pressure cold air ventilation system ensures that 100% of the air passes between and through the plastic boxes without any deviation, by means of fans that work with pressures up to 1000 PA and to a sealing system by silicone seals between the evaporator and the pallet.



The Maxwell FREEZING CELL FOR PALLETS works with:

A single-stage 35 HP compressor for temperatures down to -30 degrees.

A 30 hp 2 stage compressor for temperatures down to -40 degrees.

The machine consists of :

- 100mm premium refrigeration panel with stainless steel interior finishing and oleodynamic door lock.
- 1 evaporator on galvanized steel structure, copper tubes and aluminium fins with 8mm pitch.
- 1 electronic expansion valve.
- 2 high pressure EC radial fans with variable speed from 0% to 100%.
- Food grade canvas curtain system to adapt the evaporator to the pallet height.
- Specific electrical box with programmable PLC,with remote connection network possibilities.
- A touch screen HMI with different programmable configurations.
- 1 open condensing unit or outdoor enclosed unit (optional).
- Defrosting at machine stop.
- Removable top boxes cover to avoid air by-pass.
- Capacity for 1 euro-pallet (800x1200mm) loaded at 1800mm maximum height.

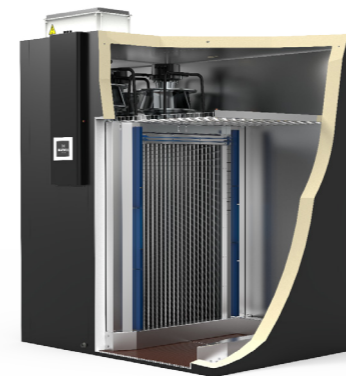
For other pallet dimensions please, consult us!

Maxwell Freezing Cell for Pallets is the ideal solution to freeze bulk product stored in pallets with perforated boxes, where air can flow. The high pressure ventilation system allows air flow through the product without the need to distribute it separately on trays or conveyors.



What is it for?

This equipment has many applications like, for example the pre-glazing of already frozen fish pieces, the freezing of vacuum sealed meat pieces, etc...



TECHNICAL DATA	MX-CP-1
	FREEZING CELL FOR PALLETS
External dimensions (LxWxH) (mm)	2400x1800x2650
Pallet capacity	1
Pallet dimensions (LxWxH) (mm)	1000x800x1800
Evaporators	1
Radial fans	2
Fan motor type	EC
Fan unit max. power (kW)	5,7
Max. Airflow without load (m3/h)	35000
Voltage	400V / 3ph. / 50Hz
Defrosting	At stop
Refrigerant type	HFC
Single stage condensing unit power (hp)	35
Cooling capacity at -30°C / +42°C (kW)	22,0
Product freezing capacity at -30°C (kg/h)	280
2 stage condensing unit power (hp)	30
Cooling capacity at -40°C / +42°C (kW)	17,97
Product freezing capacity at -40°C (kg/h)	225

