

# RAPID COOLER for eutectic plates














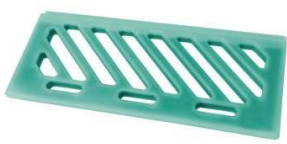



## Rapid cooling unit for Melform eutectic plates

- Minimum reachable temperature: **-35°C**.
- Available different racks for properly arranging the eutectic plates.
- Great capacity. It can cool up to:
  - **78 GN1/1** eutectic plates.
  - **48 Cargo 370/500/780** eutectic plates;
  - **36 Cargo 900/1000** eutectic plates;
  - **32 Cargo 1300/1300TW** eutectic plates;
- Deeply and completely frozen, eutectic plates can fully develop their cooling power, thus extending temperature retention time.
- Low consumption system: it allows to correctly freezing the plates, reducing the expenditure of energy.
- 230V AC power supply. It can be connected to the mains power network.
- Manufactured using the rotational moulding technology: mono-block container and door (free of sharp edges, joints and welds).
- It allows to properly operating in HACCP environment (EC Reg. 852/2004).
- **Fully recyclable** at the end of the operating life.

### MANUFACTURING MATERIALS

<b>Polyethylene</b>	inner and outer walls of the container and the door; suitable for food contact	<b>Polyurethane</b>	insulating material between the walls of the container and the door; free of CFC and HCFC
<b>Silicone</b>	gasket	<b>Rubber and polyamide</b>	rubber coated castors with polyamide center
<b>Galvanised steel</b>	cooling unit frame, castors support, hinge rods, connecting rods hinged plates	<b>Stainless steel</b>	handles for moving, locking handle, inner rod of the door; frame for eutectic plates (not included)
<b>Polypropylene</b>	hinges		

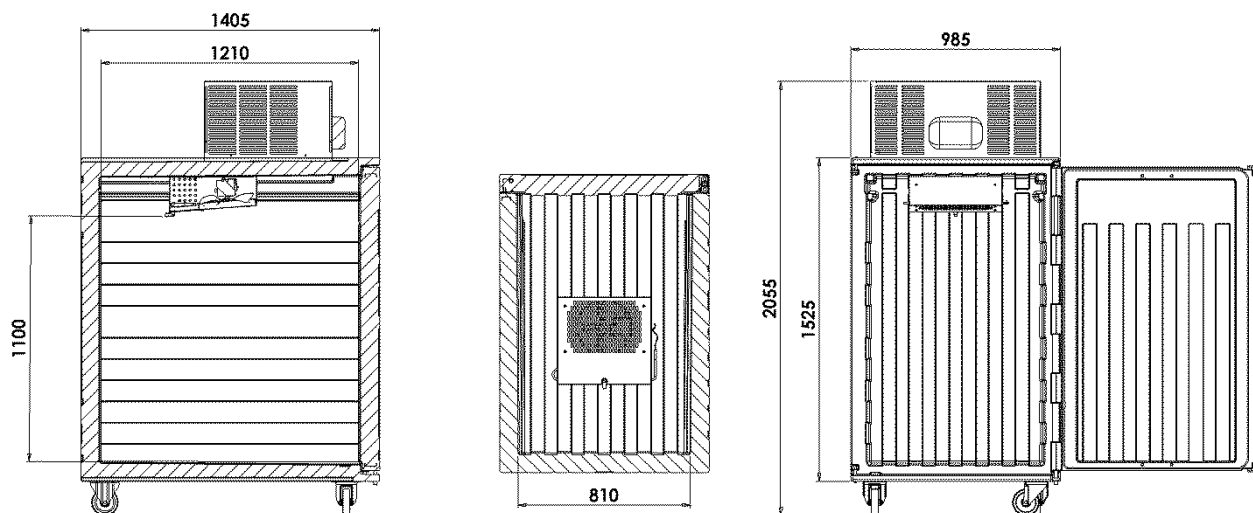
## TECHNICAL CHARACTERISTICS

	<b>CHILLED</b> CONDITIONING TEMPERATURE <b>-10°C</b>	<b>FROZEN</b> CONDITIONING TEMPERATURE <b>-35°C</b>	<b>EXTRA FROZEN</b> CONDITIONING TEMPERATURE <b>-35°C</b>
<b>Cargo Line GN 1/1</b> N° 78 plates Vertical positioning	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>52h</b>
			
<b>Cargo Line 370/500/780</b> N° 48 plates Horizontal positioning	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>52h</b>
			
<b>Cargo Line 900/1000</b> N° 36 plates Vertical positioning	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>26h</b>	CONDITIONING TIME <b>52h</b>
			
<b>Cargo Line 1300/1300TW</b> N° 32 plates Horizontal positioning	CONDITIONING TIME <b>18h</b>	CONDITIONING TIME <b>18h</b>	CONDITIONING TIME <b>36h</b>
			
	The ventilated evaporator system, equipped with a thermostatic valve, allows to rapidly and evenly cooling the eutectic plates.		Power supply <b>230Vac</b> 50 Hz, with blue <b>IEC309</b> socket (2 poles + earth, 230V 16A).
The racks ensure that the plates are hit by cold air evenly on all sides. This speeds up the freezing times of the plates.			

## TECHNICAL CHARACTERISTICS

	<p>Power input:</p> <ul style="list-style-type: none"> <li>• <b>7A a 230Vac.</b></li> </ul>	<p><b>K</b></p>	<p>Overall heat transmission coefficient:</p> <p><b>K = 0,37 W/ m<sup>2</sup>K</b></p>
<p><b>W</b></p>	<p>Nominal power:</p> <ul style="list-style-type: none"> <li>• <b>1600W.</b></li> </ul>	<p><b>GAS</b></p>	<p>Coolant gas:</p> <ul style="list-style-type: none"> <li>• <b>R452A</b></li> </ul>
	<p>Cooling unit performance guaranteed for use at ambient temperature:</p> <p><b>From +3°C to +30°C.</b></p>		<p>Container (insulated box) guaranteed for use:</p> <p><b>from -35° to +100°C.</b></p>
	<p>Adjustment and control of the temperature with programmable digital thermostat.</p>	<p><b>+/- 1 °C</b></p>	<p>Degree of accuracy in temperature adjustment:</p> <p><b>+/- 1 °C.</b></p>
	<p>4 rubber coated castors with dia. 125 mm (2 fixed and 2 swivel, one of which with brake). Support runners plate integrated in the container.</p>		<p>Stainless steel locking handle with release button.</p>
	<p>Internal grooves improving good air circulation.</p>		<p>Door opens up to 270° with door retaining catch.</p>
	<p>Dual pivot hinge system. Better stability of the door over time.</p>		<p>Monobloc structure, without edges, joints and welds.</p>
	<p>Insulated with CFC and HCFC-free polyurethane foam.</p>		

## TECHNICAL SPECIFICATIONS



Model	Code	External dim. (mm)	Internal dim. (mm)	Capacity l	Weight Kg
Rapid cooler <b>Without rack</b>	13019013	985X1405Xh2007	810x1210xh1100	1075	210
<b>Rapid cooler with Rack for GN1/1 plates</b>	13019015	985X1405Xh2007	810x1210xh1100	1075	390
<b>Rapid cooler with rack for Cargo 370/500/780 plates</b>	13019016	985X1405Xh2007	810x1210xh1100	1075	340
<b>Rapid cooler with rack for Cargo 900/1000 plates</b>	13019017	985X1405Xh2007	810x1210xh1100	1075	319
<b>Rapid cooler with rack for Cargo 1300/1300TW plates</b>	13019018	985X1405Xh2007	810x1210xh1100	1075	310
<b>Rack for GN 1/1 plates</b>	AAA064	800x1060xh1082			180
<b>Rack for Cargo 370/500/780 plates</b>	AAA066	800x1080xh1082			130
<b>Rack for Cargo 900/1000 plates</b>	AAA063	800x1200xh1098			109
<b>Rack for Cargo 1300/1300TW plates</b>	AAA065	800x840xh990			100