



Unlimited versatility

Cryogen-Rapid®-Cabinet Freezer

The Cryogen-Rapid®-Cabinet Freezer is suitable for batch cooling, crust freezing and freezing with liquid nitrogen (LN₂) or liquid carbon dioxide (LCO₂). It is a remarkably efficient unit, even with small production volumes.

Food is placed on a tray trolley or pallets, which are then pushed into the cabinet freezer. LN₂ or, alternatively, LCO₂ is sprayed directly into the freezer in a temperature-controlled process: the nitrogen evaporates or the carbon dioxide snow sublimates. The cold gas removes the thermal energy from the food, while it is cooled or frozen in a matter of minutes. Both gases are natural constituents of air and have been approved as food gases in the EU. Due to the low temperatures inside the freezer, only the slightest traces of moisture are required for the atmosphere to become saturated: there is hardly any drying out of the food during freezing, which means that it retains its weight and appetising appearance. Setting the freezer up as a walk-in unit allows the tray trolleys to be moved in and out effortlessly in batch operation.

With double cabinets, the reciprocal cold gas cooling system ensures that optimum use is made of the cooling energy.

The cabinet freezer can be described as an all-rounder that can be used for all high-quality products, in particular sausage, meat and baked products.

Process advantages at a glance

- High quality: rapid freezing for improved texture, taste and appearance
- Suitable for all food products
- Small footprint
- Flexible freezing times
- Low investment



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Technical data and dimensions

Cryogen-Rapid®-Cabinet Freezer	F 1-1/700	F 1-1/1000
External width	1804 mm	2104 mm
External depth	1544 mm	1844 mm
External height	2305 mm	2305 mm
Door width	745 mm	1095 mm
Door height	1980 mm	1980 mm
Internal depth	1127 mm	1427 mm



The Cryogen-Rapid®-Cabinet Freezer is suitable for all food products.

If you have any questions regarding the Cryogen-Rapid®-Cabinet Freezer or would like a personal consultation with our application experts, please do not hesitate to contact us.

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