

The MultiFresh® MyA CO₂ range

IRINOX
The Freshness Company®

MF180.2 CO₂ PLUS



Output per cycle 180 kg
Capacity
• 1x20 (GN 2/1 o 600x800 mm)
• 2x20 (GN 1/1 o 600x400 mm)
Dimensions 1600x1425x2395 mm
Plus version
W 10,4 kW A 15,3 A V 400 V-50Hz (3P+N+PE)
UC180CO₂ condensing unit - 1200x1200x1170 mm
V 400 V-50 Hz (3P+N+PE)
UC180CO₂ Max power consumption
W 12,07 kW
UC180CO₂ Max tension absorbed
A 22,59 A

MF250.2 CO₂ PLUS



Output per cycle 250 kg
Capacity
• 1x20 (GN 2/1 o 600x800 mm)
• 2x20 (GN 1/1 o 600x400 mm)
Dimensions 1600x1425x2395 mm
Plus version
W 10,4 kW A 15,3 A V 400 V-50Hz (3P+N+PE)
UC250CO₂ condensing unit - 1200x1200x1170 mm
V 400 V-50 Hz (3P+N+PE)
UC250CO₂ Max power consumption
W 14,47 kW
UC250CO₂ Max tension absorbed
A 26,08 A

MF350.2 2T CO₂ PLUS

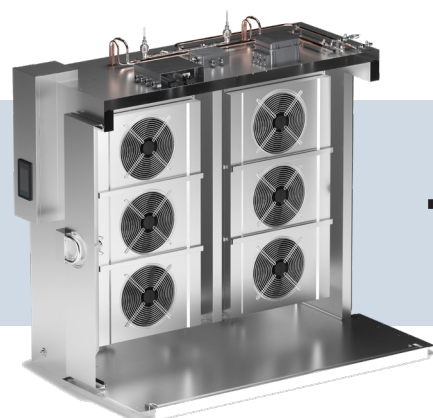


Output per cycle 350 kg
Capacity
• 2x20 (GN 2/1 o 600x800 mm)
• 4x20 (GN 1/1 o 600x400 mm)
Dimensions 1600x2595x2450 mm
Plus version
W 20,2 kW A 30,2 A V 400 V-50Hz (3P+N+PE)
UC350CO₂ condensing unit - 1200x1200x1170 mm
V 400 V-50 Hz (3P+N+PE)
UC350CO₂ Max power consumption
W 23,37 kW
UC350CO₂ Max power consumption
A 41,08 A



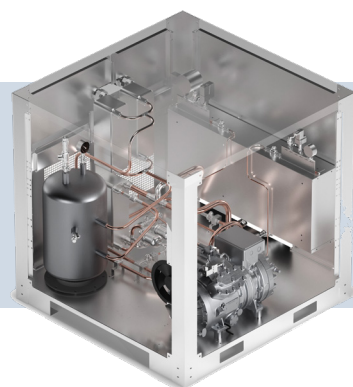
Elements making up MultiFresh® MyA CO₂

IRINOX PROPOSAL



Evaporators

+



Condensing unit

REQUIREMENT FOR TO COMPLETE INSTALLATION

DEDICATED CHILLER

CUSTOMIZED CHILLER

GEOTHERMAL SYSTEM



MultiFresh® MyA CO₂

the sustainable roll-in blast chiller

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Scan the QR code to know more!

MultiFresh® MyA CO₂ unrivalled multifunctional assistant

MultiFresh® MyA CO₂
The advanced blast chiller and shock freezer capable of managing operating cycles with temperatures ranging **from +85°C to -35°C**.

The CO₂ system proposed by Irinox works in subcritical, thank you to the use of the chiller that supplies water to our unit condensing at a temperature below 15°C. This allows us, at any ambient temperature, to use the CO₂ below its critical point (about 31°C and 73 bar).

Available in 3 different models:
MF 180.2 | MF 250.2 | MF 350.2 2T



MyA: My Assitant



- > **7" touch screen** with a broad interaction area.
- > **Easier to use:** user-friendly icons for accessing numerous functions.
- > **Easier to personalise:** simplified navigation through the functions and parameters.
- > **MultiFresh® MyA CO₂ ensures:**

CHILLING	FREEZING	THAWING
PROOFING	LOW TEMPERATURE COOKING	
HOLDING	REGENERATION	PASTEURISATION
	CHOCOLATE	

Peerless performance

+25%

QUICKER
 Pull down (25°C / -35°C) compared to the current range.

PRODUCTIVITY
 Temperature management from +85°C / -35°C for any productive process.

EFFICIENCY
 - 50% energy consumption in the cooling cycles.
 - 30% energy consumption in freezing cycles.

MultiFresh® MyA CO₂ the sustainable roll-in blast chiller and shock freezer



Irinox introduces the first range of trolley blast chillers and shock freezers, running on **R744 refrigerant gas**, better known as **CO₂**.

The MultiFresh® MyA CO₂ trolley machine **runs on a new natural refrigerant gas** that guarantees a lower environmental impact and optimises chilling times.

Improved power, without any pollution!

Defining GWP

The **Global Warming Potential (GWP)** is an indicator that measures the contribution to the greenhouse effect and to global warming caused by a gas in a given period of time, compared to that caused in the same period by the same amount of CO₂, whose reference potential is equal to 1.

GAS	R404A	R452A MultiFresh® MyA	CO ₂ MultiFresh® MyA CO ₂
GWP	3922	2141	1

Refrigerants used in today's blast chillers and shock freezers, with very high GWP values.

Advantages in using CO₂



- > **CO₂ is a natural refrigerant**, in conformity to the international standards which are gradually defining limitations to the use of synthetic refrigerants.
- > **CO₂ is non-flammable and non-toxic.**
- > It has an **ODP (Ozone Depletion Potential) of 0** and a **GWP (Global Warming Potential) of 1**.
- > The **periodic inspections for leakages or seeping** specified in the F-GAS Regulation **are not necessary**.