IRINOX
The Freshness Company®

MF 350.2 2T Pass Thru
Multi-function Roll-in Blast Chiller and Shock Freezer

MultiFresh®: the blast chiller that organizes your production and processes with flexibility 24 hours a day.

MultiFresh® can run cycles of chilling and freezing with temperatures up to -40°C preserving the product consistency, the moisture and nutritional properties.

Multifunction 7'' touchscreen display, product specific cycles, wide range of options, customization of all the parameters for each cycle.

Capacity

Trolley Capacity:	4 x GN1/1
	2 x GN2/1
	4 x 400x600
	2 x 800x600

Yield

Yield for blast chilling cycle (+90°C/+3°C)	kg 350
Yield for shock freezing cycle (+90°C/-18°C)	kg 350

Product Warranty Protection

- 2 years from the date of installation, after sending the installation report, on the parts (see warranty condition)

Certification

CE

Standard Construction Features

- Cabinet + Air condensation + remote condenser
- IRINOX BALANCE SYSTEM®: the perfect sizing of the main components of the refrigeration system (condenser, evaporator, compressor and fans).
- Maximum cleanliness and hygiene due to rounded corners and components situated in the chamber so that they can be easily accessed and cleaned.
- Mechanical locking device with a low temperature resistant gasket.
- Internal and external finishes of the cabinet are in stainless steel AISI 304
- 80 mm thick cabinet panels, insulated with high density polyurethane foam.
- Evaporator fan door can be opened for cleaning and maintenance.
- 5-chamber magnetic door seals with dirt-repellent profile.
- Door frame profiles with anti-moisture resistance.
- Ergonomic mechanical closure handle with internal panic button.
- Multisensor ® 5 point probe for perfect temperature control.
- Automatic switch from manual mode (timed) to automatic mode (with probe); Multifresh® senses if the probe has been inserted or not.
- Wireless data transfer (HACCP control software).
- Pass-thru (front door hinged on the right/ back door hinged on the left).
- Sunken floor.
- Drain on the left side (different position on request).
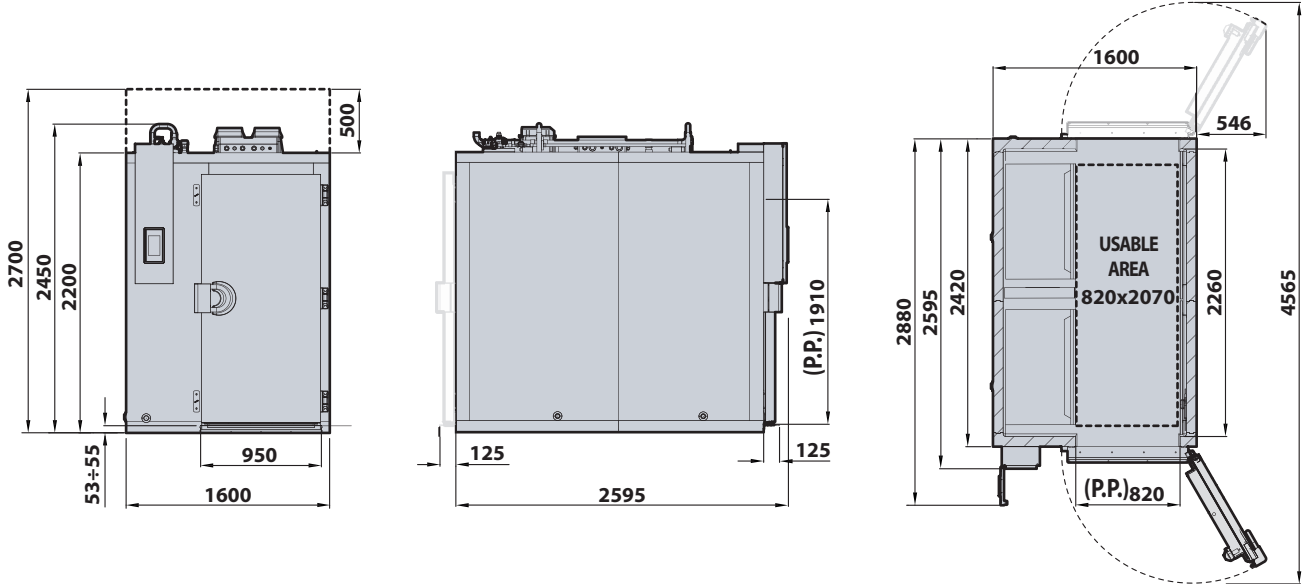- Refrigerant Gas R452A/R404A

Unique Design and Performance Features

- STANDARD VERSION: blast chilling and shock freezing cycles from any temperature of the product, to +3°C/-18°C at the core.
- PLUS VERSION (on request): blast chilling, shock freezing, thawing, holding, chocolate, regeneration, pasteurization, proofing and low temperature cooking. Sanigen® included.
- The touch screen also works when you are using kitchen gloves.
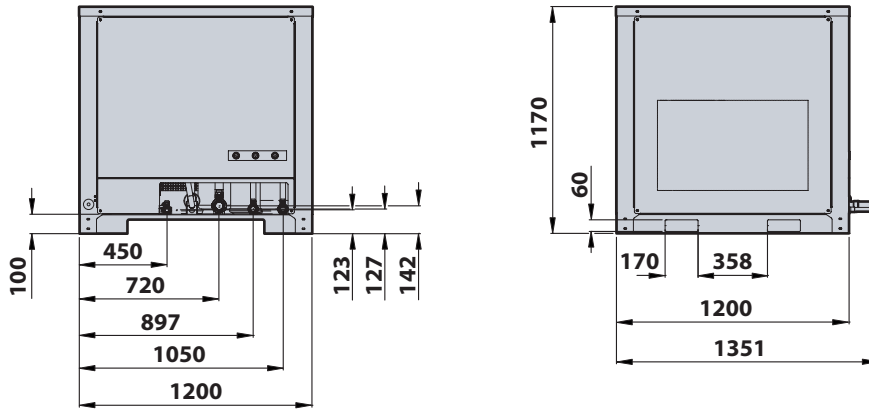- Manual defrosting at the end of the day (not during the work cycles).

Option and Accessories

- Opposite doors opening
- Ramps
- No pass-thru (1 door only)
- Ventilated floor (only with ramp)
- Reinforced floor in stainless steel 20/10
- Mirror Unit
- Sous-vide core probe
- Door stop 100° and 120°
- Magnetic door stop 100°
- Knocked down
- Condensing unit on request: Air condensation + extra low dB remote condenser; Tower water condensation;
- Additional core probe
- SANIGEN®: 24/7 sanification (already included in the Plus version)
- Low temperature kit (for air condensation only)
- Wifi Mya
- Ethernet board
- Freshcloud connection kit (Ethernet card & wi-fi included)
- Anti-vibration feet for condensing unit
- Dashboard protection IP66
- Frontal/Back door alarm (visual and acustic)
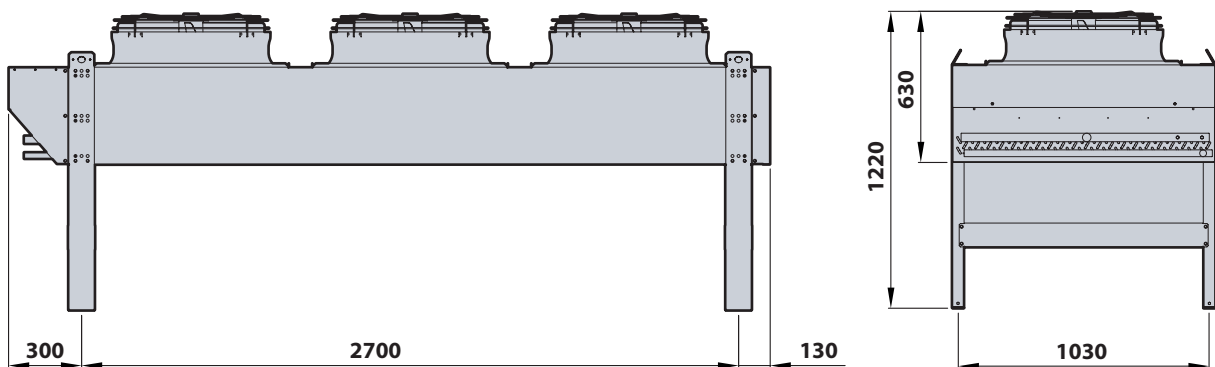- Unit sent without gas charge
- Special Voltage on request

Cabinet

2700
2450
2200
500
53÷55
950
1600
125
2595
125
(P.P.) 1910
1600
546
2880
2595
2420
2260
4565
USABLE AREA 820x2070
(P.P.) 820

Unit

100
450
720
897
1050
1200
123
127
142
1170
60
170
358
1200
1351

Condenser

300
2700
130
630
1220
1030

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	Cabinet MF350.2 2T	Unit UC350	Condenser
Dimensions	W. 1600 mm D. 2595 mm H. 2450 mm	W. 1200 mm D. 1200 mm H. 1170 mm	W. 3000 mm D. 764 mm H. 954 mm
Pit Dimensions	1610 mm × 2430 mm × 55 mm	-	-
Weight	800 kg	385 kg	155 kg

Electric Data			
Electric Supply	400V-3N+PE 50Hz	400V-3N+PE 50Hz	-
Full Load Amps (FLA)	Standard 10,3 A / Plus 30,2 A	48,5 A	-
Total Rating (FLI)	Standard 4,7 kW / Plus 20,2 kW	27,4 kW	-
Start Electrical absorption (RLA)	-	125 A	-
Compressor Noise	-	68,0 dB(A) 1m	5,10 dB(A) 10m

Key Refrigeration System Data			
Compressor Rating (HP)	-	25	-
Refrigeration Yield (-10°C/40°C) W	-	41900	-
Condensing Rating (-10°C/40°C) W	-	57400	-
Refrigeration Type	-	R452A/R404A	R452A/R404A
Refrigeration Pre-load (kg gas)	-	24,0	-
Maximum Ambient Air Temperature	32°C	42°C	42°C

INSTALLATION

A detailed installation manual is provided. It must be carefully followed to ensure proper operation and to protect your rights under the warranty.

The connection material between the cabinet and the condensing unit must be provided by the installer.

Continued product development may necessitate specification changes without notice.