



Roll-in rack Blast Freezer cabinets Mod. MISTRAL R



GENERAL CHARACTERISTICS:

- Working temperature : down to -38°C
- Structure : completely dismantlable with modular self-bearing sandwich panels, isolated with injected rigid high density (Kg/m^3 43) expanded polyurethane of mm.100 thickness.
- Internal stainless steel bumpers and air convection system.
- Internal coating : AISI 304 stainless steel
- External coating : Pre-painted galvanized steel sheet
- Equalizing Valve
- Doors : hinged, mounted directly on a suitably reinforced panel. Characteristic :
 - One-latch heavy duty lock with key and safety release
 - Stainless steel frame
 - Equipped with silicon gaskets
 - Industrial adjustable hinges
 - Anti-condensation heating cable
 - Heavy duty stainless steel entry ramps



90kg max



- **Floor** : 100mm isolated panel Reinforced with a 0.7 mm sheet of reinforced stainless steel with chequered and satin polished surface finish, R11 anti-slip and a 10 mm chipboard reinforcement glued onto the steel sheet.

Capacities:

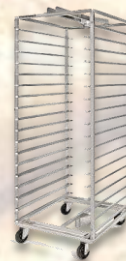
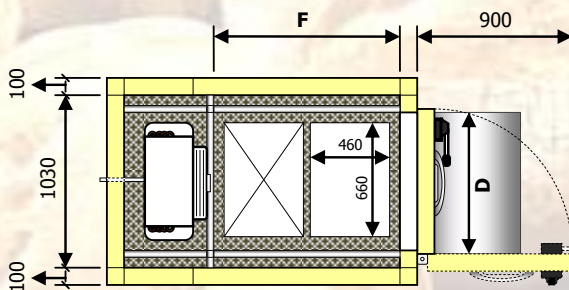
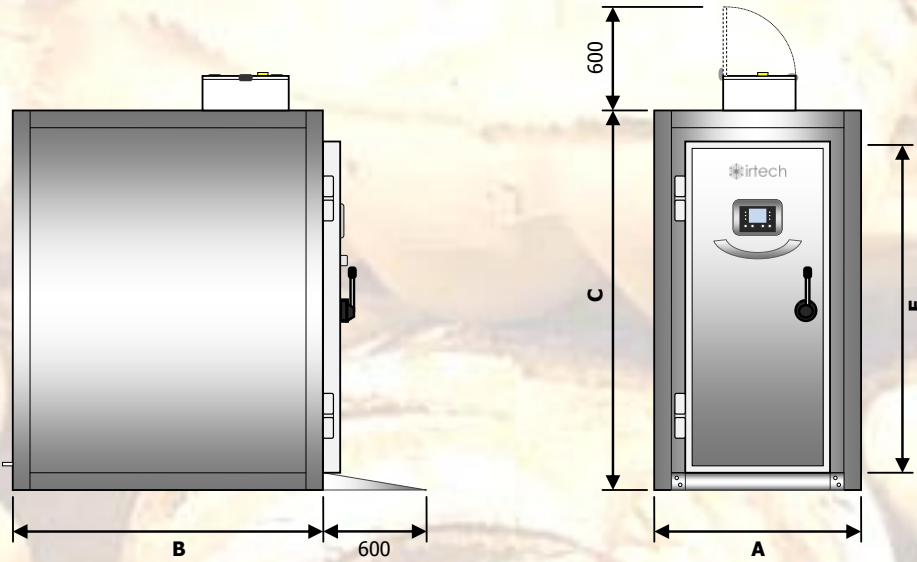
Evenly distributed static load $3000 \text{ Kg}/\text{m}^2$; Concentrated load: $300 \text{ Kg}/50\text{cm}^2$;
Maximum dynamic load on 1 rubber wheel with a minimum contact surface of 3 cm^2
90 Kg.

- Aluminium and copper **air-evaporator** of our design with high efficiency ventilation system. Defrosting system by means of hot gas circuit.
8 mm. distance between the aluminium "fins" of the evaporator (less possibility of ice).
Ventilator speed : 1400 rotations/min; Ebm/Ziehl ventilators
Proportionalised thermostatic valve.



- **TROPICALIZED CONDENSING UNIT** without housing, composed of :
 - **FRASCOLD** Semi-hermetic compressor supplied with shut off valves and crankcase heater
 - **Single stage compressor when operating with gas R404a**
 - Power : 400/50hz/3ph with Built-in Electrical Panel
 - Modular screwed frame galvanized and painted with epoxy-powder. Equipped with height- adjustable shock absorbing feet.
 - Built-in air-cooled tropicalized condenser equipped with four pole fan motors
 - Oil Separator
 - Liquid Line, Suction Line, Hot Gas Line
 - Double safety pressure switch
 - Fan capacity pressure switch
 - Check Valve

- PROFESSIONAL SYSTEM FASTCOLD:** Professional LCD system for the control of quick deep-freezing and consequent preservation by means of electronic device, which enables the following applications :
 - Blast chilling down to +3°C (core temperature) with core pin-probe
 - Shock freezing down to -18°C (core temperature) with core pin-probe
 - Lowering cycle with programmable duration/temperature
 - Alarm function with acoustic signal in case of problems
 - Manual and automatic defrosting cycles
 - HACCP
 - USB recorder (optional)



- Maximum rack height mm. 1880

	Racks cm. 45x65 Trays cm. 60x40	Racks cm. 55x72 Trays cm. 50x70	Racks cm. 66x82 Trays cm. 60x80	Racks cm. 66x102 Trays cm. 60x100	Racks cm. 85x102 Trays cm. 80x100
MISTRAL 164R	1	1	-	-	-
MISTRAL 264R	2	1	1	1	-

Code	Model	External Dimensions			Internal Useful Dimensions			Door		Productivity +60°C → -18°C Kg/90min.	Electric /Hp
		cm.	cm.	cm.	cm	cm	cm	cm.	cm.		
		A	B	C	D	F	E	D	E		
18 MIS 164R	MISTRAL 164R 1 rack 60x40	122	122	222h	78	48	189h	80	190h (1)	45	400/50/3ph Hp 3
18 MIS 264R	MISTRAL 264R 2 racks 60x40	122	182	222h	78	105	189h	80	190h (1)	75	400/50/3ph Hp 5

* Capacity calculated on the basis of a 90 minutes freezing cycle of par-baked baguettes gr. 100-600