



BSC



Rack blast freezer

BSC is a rack blast freezer used for cooling and quick freezing of the products before storage

Capacity

- BSC 46.1: 1 rack for trays mm 400x600
- BSC 68.1: 1 rack for trays da mm 600x800 or 2 rack for trays mm 400x600
- BSC 810.1: 1 rack for trays mm 800x1000 or 2 rack for trays mm 400x800
- BSC 810.2: 2 rack for trays mm 800x1000 or 3 rack for trays mm 600x800

Standard features

- Electronic adjustment with needle probe
- 2 programs: quick freezing and fast cooling.
- Acoustic signal at the end of pre-cooling and at the end of the cycle.
- Automatic switch to storage mode at the end of freezing cycle (max 24 h)
- Alternating display of time and temperature at the heart of the product.
- Shut-down of the fan at the door opening.
- Ecological R 404A refrigerant fluid.
- "Scroll" type hermetic spiral compressor
- Evaporator with anti-corrosion treatment.
- Special fan "big cold"
- Sheets and screws in stainless steel
- Decompression valve
- Water recovery tank for defrosting, discharge on the left or on the right Ø 32 mm, exit height: max 10 cm from the ground.

Principle of operation

L'interfaccia elettromeccanica gestisce la temperatura e il tempo necessario alla surgelazione del prodotto. Il BSC controlla la produzione del freddo in modo da raggiungere -18°C al cuore del prodotto, il più rapidamente possibile (da 30 a 130 kg di baguettes crude per ora, in base al modello). Una volta raggiunta la temperatura, il BSC la regola nelle 24 ore e passa automaticamente in modalità conservazione a fine ciclo.

Construction

- Structure realized with isothermic panels - 80 mm thick - injected with high density polyurethane foam (40 kg/m3).
- Assembly of the panels with eccentric hooks.
- Internal coatings in stainless steel, external coatings in electrogalvanized pre-lacquered sheet, coated with a PET protection.
- Insulated floor, 15 mm thick, in injected PVC, covered by a stainless steel sheet with built-in access ramp of the rack.
- Internal protection in stainless steel
- Interlocking door seal
- Heating resistance on the door perimeter
- Compressor to install and connect.

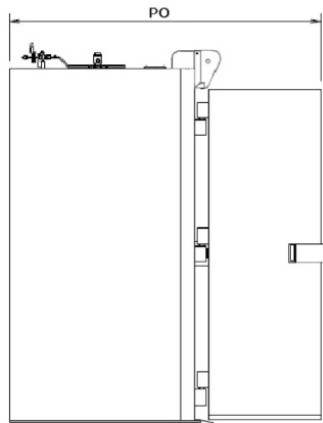
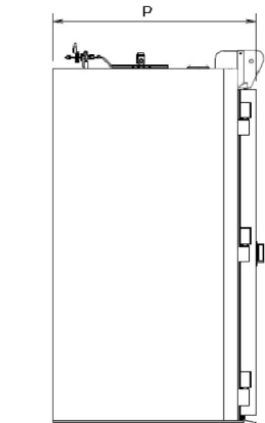
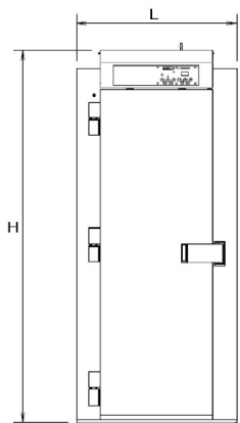
BSC	
Evaporator	▪
OPTICOM control	▪
Electronic hygrometric probe	▪
Finitura dei pannelli e delle porte/Panels and doors finish	
Interior in stainless steel - exterior in PVC coated electrogalvanized sheet	▪
Refrigeration unit	
Installed at a distance up to 8 meters	▪
Installed at a distance of more than 8 meters	□ €
Refrigerant gas	
R452 A	▪
Other	
Door with left handle	▪
Supply voltage	
400/TRI+N+T/50Hz	
▪ Standard □ Optional □ € Payment option	



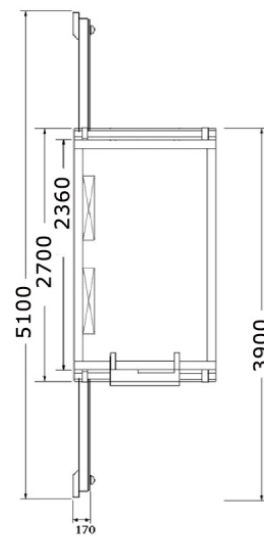
Caratteristiche tecniche/Technical features

MODELS

BSC 46.1	Blast freezer for 1 rack for trays mm 400x600
BSC 68.1	Blast freezer for 1 rack for trays mm 600x800 (2 racks for trays mm 400x600)
BSC 810.1	Blast freezer for 1 rack for trays mm 800x1000 (2 racks for trays mm 400x800)
BSC 810.2	Blast freezer for 2 racks for trays mm 800x1000 (3 racks for trays mm 600x800)



BSC 46.1 - 68.1 - 810.1



BSC 810.2



Caratteristiche tecniche/Technical features

Modello/Model	BSC 46.1	BSC 68.1	BSC 810.1	BSC 810.2
Capacità di surgelazione base/ Basic freezing capacity	1 carrello/rack 400x600 mm	1 carrello/rack 600x800 mm oppure/or 2 carrelli/racks 400 x 600 mm	1 carrello/rack 800 x 1000 mm oppure/or 2 carrelli/racks 400 x 800 mm	2 carrelli/racks 800 x 1000 mm oppure/or 3 carrelli/ racks 600 x 800 mm
Altezza facciata (H)/Front height (H)	2230 mm	2230 mm	2230 mm	2230 mm
Altezza utile/Useful height	+ 200 mm	+ 200 mm	+ 200 mm	+ 200 mm
Larghezza facciata (L)/Front width (W)	940 mm	1340 mm	1340 mm	1460 mm
Profondità esterna (P)/External depth (D)	1200 mm	1200 mm	1680 mm	2700 mm
Profondità - porta aperta (PA)/ Depth - open door (OD)	1882 mm	2282 mm	2762 mm	+ 1200 mm (1 porta aperta/1 open door)+ 2400 mm (2 porte aperte/2 open doors)
Superficie al suolo/Floor area	1 m ²	1,55 m ²	2,30 m ²	3,50 m ²
Massa della cella/Cell mass	250 kg	340 kg	420 kg	750 kg
Capacità di surgelazione base: (con pezzature da 350 gr.)/ Basic freezing capacity: (with sizes of 350 g)"	30 kg / ora-hour da +22° C a -18° C al cuore/ from +22° C to -18° C at the core	60 kg / ora-hour da +22° C a -18° C al cuore/from +22° C to -18° C at the core	70 kg / ora-hour da +22° C a -18° C al cuore/from +22° C to -18° C at the core	130 kg / ora-hour da +22° C a -18° C al cuore/ from +22° C to -18° C at the core
Peso massimo per pezzo/ Maximum weight per piece	1,8 kg	1,8 kg	1,8 kg	1,8 kg
Passaggio della porta/Door clearance	550 mm	953 mm	953 mm	920 mm
Profondità utile/Useful depth	660 mm	720 mm	1200 mm	2220 mm
Altezza massima carrello/Max. rack height	1900 mm	1900 mm	1900 mm	1900 mm

Dimensioni del gruppo standard (Installazione fino a 8 m)/Dimensions of the standard refrigeration unit (Installation up to 8 m)

Modello/Model	BSC 46.1	BSC 68.1	BSC 810.1	BSC 810.2 (2 gruppi)
Altezza/Height	533 mm	650 mm	650 mm	650 mm
Larghezza/Width	735 mm	950 mm	1130 mm	1130 mm
Profondità/Depth	680 mm	740 mm	820 mm	820 mm
Ø raccordo tubo rame di aspirazione liquido/ Ø connection of the liquid suction copper pipe	7/8 " / 3/8 "	1-1/8" / 3/8 "	1-1/8" / 1/2 "	1-1/8" / 1/2 "
Schiuma isolante spessore 19 mm/ Insulated foam 19 mm thick	Ø 22 int.	Ø 28 int.	Ø 28 int.	Ø 28 int.
Quantità di gas 404 A/Quantity of gas 404 A	7 kg	7 kg	11 kg	2 x 11 kg
Massa del gruppo/Compressor mass	85 kg	176 kg	230 kg	2 x 230 kg

Caratteristiche elettrotermiche/Electrothermal features

Potenza elettrica/Electric power				
Gruppo ermetico a spirale tipo "scroll" (a distanza)/ "Scroll" type hermetic spiral compressor (remote)	3,5 CH	7,5 CH	10 CH	2 x 10 CH
Guarnizione riscaldante/Heating gasket	0,4 kW	0,4 kW	0,4 kW	0,8 kW
Totale/Total	3,7 kW	9 kW	10,5 kW	2 x 10,5 kW
Allacciamenti elettrici/ Electrical connections	400 V 3 PH + N + T 50 Hz			
Potenza frigorifera/Cooling power	2 kW a -40°C + 32°C	4 kW a -40°C + 32°C	4,5 kW a -40°C / +32°C	2 x 4,5 kW a -40° / +32°C
Potenza con raccordo su centrale/ Power when connected to central refrigeration unit	2,8 kW a -35°C	5,2 kW a -35°C	6,9 kW a -35°C	13,8 kW a -35°C