



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 mm 600x800 or 2 racks for trays mm 400x600
 BSC 810.1: 1 rack for trays mm 800x1000 or 2 racks for trays mm 400x800
 BSC 810.2: 2 racks for trays mm 800x1000 or 3 racks 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 R452 A 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

The electromechanical interface manages the temperature and the time needed for product freezing. The BSC controls the cold production to reach -18°C at the heart of the product, as quickly as possible (from 30 to 130 kg of raw "baguettes" per hour, depending on the model). Once the temperature is reached, the BSC regulates it within 24 hours and automatically switches to storage mode at the end of the cycle.

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.

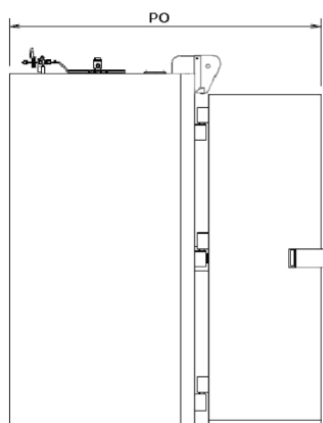
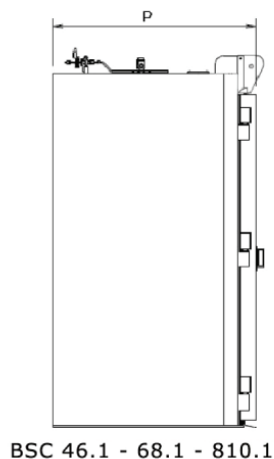
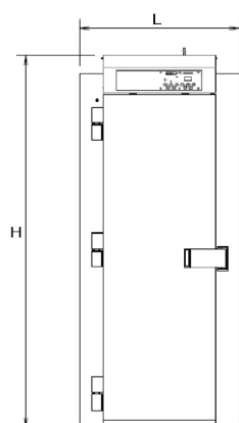
BSC	
Evaporator	▪
OPTICOM control	▪
Electronic hygrometric probe	▪
Panels and doors finish	
Interior in stainless steel - exterior in PVC coated electrogalvanized sheet	▪
Refrigeration unit	
Installed at a distance up to 8 meters	▪
Installed at a distance of more than 8 meters	□ €
Refrigerant gas	
R452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



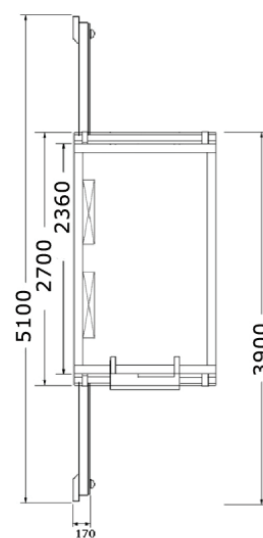
Caratteristiche tecniche/Technical features

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/Usable 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/Usable 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)				
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 R452 A/ Quantity of gas R452 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



Notes: