



Combined blast freezer and conservation unit

Performances

- Blast freezer 9 trays 400 x 600 mm
- with a spacing of 75 mm
- Electromechanical control panel
- Electronic regulation (with pin type sensor for the blast freezer)

The advantages

- Blast freezing and conservation mode
- Space saving
- Time saving
- Equipment composed of 2 independent cells with 2 compressors and 2 regulations
- Refrigerating fluid R 404 A which pre-serves the ozone layer
- Fault management (compressor, pin type sensor, opened door, defrosting)
- Door-open alarm
- Ventilation stops at door opening
- Panels assembled by eccentric hooks
- BSCP can be enlarge up to 7 doors
- "U-Rails" & tray slides with spacing of 37.5 mm, very easily removable

Use

The combined blast freezer and conservation unit BSCP is designed to blast chill and blast freeze products before conservation.

Operating principle

With one single equipment, the user can chill, freeze and store products. Once the set temperature has been reached, the BSCP regulates it for 24 hours and automatically switches to conservation mode at the end of cycle. It is then simply necessary to move the trays from the blast freezer towards the conservation compartment.

BSCP features

Blast freezer

- «special cold » ventilation fan
- Manual defrosting through ventilation with door open
- 2 programs : blast freezing and blast chilling, timer mode or pin type mode
- Buzzer at the end of cycle
- Alternated display of temperature at core and actual time
- Automatic switching at end of chilling or freezing cycle to conservation mode (maxi 24h)
- Door not reversible on the blast freezer

Conservation unit

- Adjustable automatic defrosting and/or manual defrosting
- Oversized evaporator allowing to increase the storage / conservation capacity by only changing the power rating of refrigeration unit
- Door reversible on the conservation unit

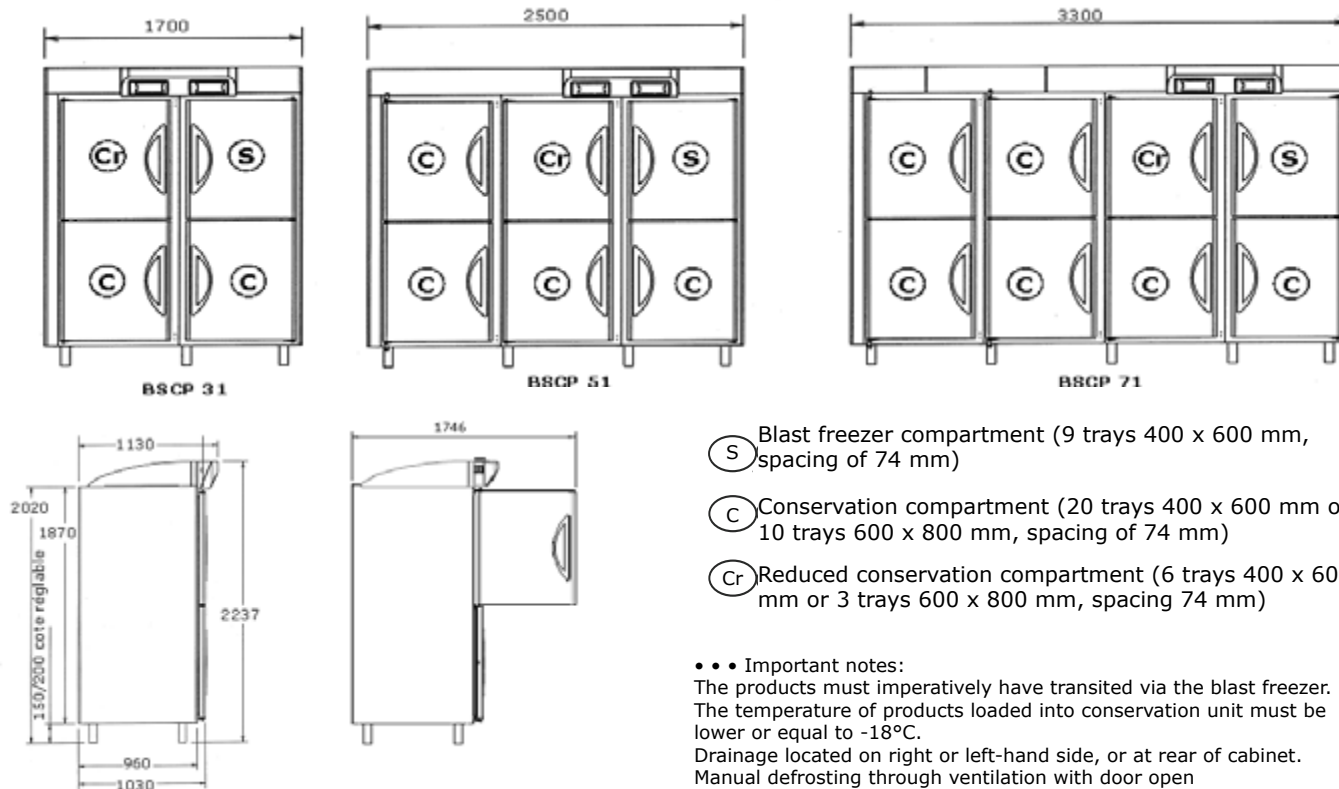
Construction

- Isothermal panel (80 mm thick) made of injected polyurethane foam 40 Kg/m³ for the panels and the doors, and 90 mm thick for the floor
- Stainless steel interior panels, pre-lacquered, painted and coated with a protective polyethylene covering on the outside
- Sheet panels of evaporators in stainless steel
- Headband on top part of equipment
- Doors equipped with magnetic gasket with closing feature by spring pivot, easy to remove without tools
- Easy accessible heated seals around doors
- Safety trapdoor on blast freezer side allowing to maintain product temperature for 24 hours in case of malfunction of conservation unit
- Stainless steel feet adjustable in height from 150 to 200 mm
- Connecting power 400V + 3 PH + N + Gr 50 HZ
- Hermetic compressor for remote installation and connection of up to 6 meters

Options :

- BSCP 31 supplied without compressor
- BSCP 51/71 supplied without compressor
- Remote compressor 8-20 linear meters for BSCP 31
- Remote compressor 8-20 linear meters for BSCP 51/71

Combined blast freezer and conservation unit - **BSCP**



- (S)** Blast freezer compartment (9 trays 400 x 600 mm, spacing of 74 mm)
- (C)** Conservation compartment (20 trays 400 x 600 mm or 10 trays 600 x 800 mm, spacing of 74 mm)
- (Cr)** Reduced conservation compartment (6 trays 400 x 600 mm or 3 trays 600 x 800 mm, spacing 74 mm)

• • • Important notes:

The products must imperatively have transited via the blast freezer. The temperature of products loaded into conservation unit must be lower or equal to -18°C.

Drainage located on right or left-hand side, or at rear of cabinet.

Manual defrosting through ventilation with door open

The BSCP must be placed in a ventilated area within a positive room temperature (+13°C to 30°C)

General features				
Model		BSCP 31	BSCP 51	BSCP 71
Height				
Front (without compressor)	(mm)	2237	2237	2237
Front (with compressor) Minimum - maximum depends on feet's height	(mm)	2480 - 2530	2480 - 2530	2480 - 2530
Width				
Front	(mm)	1700	2500	3300
Depth				
Interior	(mm)	800	800	800
External	(mm)	1030		
	+ 50 mm (condensation drainage)	1080		
Door opened	(mm)	1746	1746	1746
Minimal required height under ceiling 2650 mm				

Type	Number of trays in conservation 400 x 600	Number of trays in conservation 600 x 800	Number of trays in blast freezing 400 x 600
BSCP 31	46	23	9
BSCP 51	86	43	9
BSCP 71	126	63	9

Energetic features					
Model		Blast freezer		Conservation unit	
		31-51-71	31	51	71
electric power					
Compressor	(ch)	3	1,5	2	2
Defrosting and gasket	(kW)	-	2,6	2,6	2,6
Connecting power	(kW)	-	6	8	8
Ø copper tube, suction		5/8"	5/8"	5/8"	5/8"
Ø copper tube, liquid		3/8"	3/8"	3/8"	3/8"
Insulated foam (thickness 19 mm)	(mm)	19	19	19	19
Gas quantity R404A	(kg)	2,3	1,5	2,3	2,3
Dimensions group					
Height	(mm)	450	340	450	450
Width	(mm)	510	430	510	510
Depth	(mm)	620	490	620	620
Weight	(kg)	62	42	62	62
Frigorific power -30°C/ +30°C	(kW)	2,15	1,1	1,6	1,6
Condensates drain	(mm)	Ø 32	Ø 32	Ø 32	Ø 32
Electric supply		400 V Tri + N + T			