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<https://bongard.nt-rt.ru> || bdi@nt-rt.ru

Шоковый морозильник BSP



Reach-In Blast freezer

The blast freezing BSP is designed to blast chill and blast freeze the product before conservation mode.

Operating principle

With its electromechanical control which autonomously controls the temperature and time needed to freeze products, the BSP is capable of controlling cold production to reach -18°C at core, as rapidly as possible (7 kg to 20 kg of raw baguettes per hour, depending on the model). Once this temperature has been reached, it regulates it for 24 hours and automatically switches to storage mode at the end of cycle.

BSP features :

- Ventilation stops at door opening
- Connecting power 230 V.
- Manual defrosting through ventilation with door open
- Blast freezing or blast chilling with pin type sensor or timer
- Buzzer at the end of cycle (timer)

Construction

- Built-in compressor
- Refrigerating fluid R 404 A which preserves the ozone layer
- Isothermal panel (80 mm thick) made of injected polyurethane foam 40 Kg/m³
- Stainless steel interior panels, pre-lacquered, painted and coated with a protective polyethylene covering on the outside
- Sheet panels of evaporators in stainless steel
- Panels assembled by eccentric hooks
- Spacing of 75 mm
- Doors equipped with magnetic gasket with closing feature by spring pivot, easy to remove without tools
- Easy accessible heated seals around doors

• • • Important notes :

- The drainage is located at the rear of cabinet.
- The blast freezer must be placed in a ventilated area and within a positive room temperature (between $+13^{\circ}\text{C}$ to $+30^{\circ}\text{C}$)

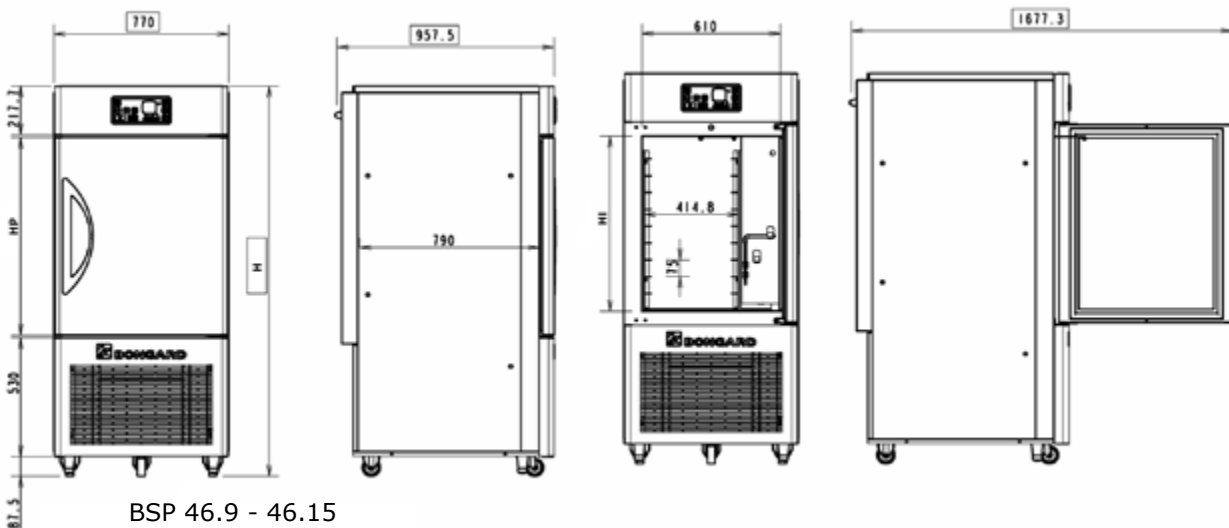
Performances

- BSP 46.5 : 5 trays 400 x 600 mm
- BSP 46.9 : 9 trays 400 x 600 mm
- BSP 46.15 : 15 trays 400 x 600 mm
- Electromechanical control panel
- Opticom control panel (option)
- Door handle side on the left

The advantages

- 3 models
- Fast freezing mode
- "special cold" ventilation fan
- Refrigerating fluid R 404 A which preserves the ozone layer
- Stainless steel interior panels for an easy cleaning
- Right or left door handle side
- Easy to move
- Easy to remove single-piece tray slide rack

reach-In blast freezer **BSP**



BSP 46.9 - 46.15

Attention: For a good ventilation of the compressor, the BSP must be placed at a minimum distance of 30 mm from the wall.
Maximum ambient temperature for compressor: 30°C maxi

General features

Model		BSP 46.5	BSP 46.9	BSP 46.15
Height				
Front (H)	(mm)	1010	1740	2140
Door height (HP)	(mm)	562	882	1282
Interior height (HI)	(mm)	420	780	1180
Width				
Front	(mm)	775	770	770
Inside	(mm)	610	610	610
Depth				
Inside	(mm)	800	790	790
Outside	(mm)	969	960	960
Door opened	(mm)	1680	1680	1680
Weight	(kg)	110	190	230
Maximal capacity of trays		5	9	15
400 x 600				
Freezing Power in Kg of product				
+22°C / -18°C	(kg/h)	7	13	20

Energetic features

Model		BSP 46.5	BSP 46.9	BSP 46.15
Power				
Hermetic compressor	(kW)	1.7	1.7	2.15
Heating gasket	(kW)	0.3	0.4	0.7
Fan(s)	(kW)	1 x 0.125	2 x 0.125	3 x 0.125
Total	(kW)	2.23	2.35	3.23
Frigorific power of compressor				
-30 / +30 °C	(kW)	0.48	1.1	2.15
Connecting supply		230 V Single PH+N+Gr, 50 Hz		

Model		BSP 46.5	BSP 46.9	BSP 46.15
Refrigerating fluid:		R404A	R404A	R404A
Global Warming Potential	(GWP)	3922	3922	3922
Freezing program :		SE	SE	SE
Fast freezing program:		RE	RE	RE
Ambiance class (30°C / 55%)		4	4	4
fast cooling program - RE : + 65°C -> + 10°C				
Full-load capacity in freezing	(kg)	16,0	38,0	65,0
duration of freezing cycle + 65°C / +10°C	(min)	120,0	120,0	120,0
Freezing power connexion	(kWh / kg)	0,1	0,1	0,1
Blast freezing program - SE : + 65°C -> - 18°C				
Full load capacity of blast freezing	(kg)	5,5	16,3	26,5
Duration of freezing cycle + 65°C à -18°C	(min)	270,0	270,0	270,0
Energetic consumption of blast freezing	(kWh / kg)	0,7	0,4	0,4
Load of refrigerant	(kg)	0,9	1,4	2,3

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