



Polaris

Blast Chillers / Freezers

PBF 051/AF



GENERAL FEATURES

Monoblock construction.
Outside side-panels and top in stainless steel AISI 304 18/10 0.6 mm (Scotch-Brite satin-finish).
Door in stainless steel AISI 304 18/10 0.8 insulation (Scotch-Brite satin-finish).
Inside bottom die-formed leakproof.
Insulation in high density (42 kg/m³) expanded polyurethane, 60 mm thick, HCFC-free.
Copper condenser with aluminium pins at high thermic efficiency.
Anti-condensation heating element in the body, below the magnetic gasket.
Full length ergonomic handle and magnetic gasket on all four sides of the door.
Stainless steel feet Ø 2" with adjustable height 70÷100 mm.
Self closing doors with stop in open position at 100°.
Heated core probe standard (in blast freezers) for easy extraction.

INTERNAL FITTING

Stainless steel 18/10 shelves or trays supports joint fixed in the sides of cooling compartment.
65 mm distance between runners.
Stainless steel shelves support or trays GN1/1 and EN (600x400mm).

COOLING UNIT

Hermetic compressor.
Evaporator fitted with high flow rate fan for maximum cooling efficiency.
Ecological refrigerant R404A.
Manual defrosting device and evaporation system of water condensation without electrical energy.

ELECTRICAL CONTROL BOARD

Electronic control board equipped with display, which shows the status of the appliance in every moment.
The microprocessor is able to memorise 100 programs.
Defrosting with activation of an electric heating element fitted on the evaporator.
Compressor protected by overload cut-out with automatic reset.
Microswitch cuts out the evaporator fan and compressor when the door is opened.

PRODUCT CAPACITY

- 18kg production capacity from +90°C to +3°C chilling.
- 12kg production capacity from +90°C to -18°C freezing.

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PBF 051/AF SPECIFICATIONS

EXTERNAL DIMENSIONS

Width	790 mm
Depth	700 mm
Height (with legs)	850 mm

INTERNAL DIMENSIONS

Width	670 mm
Depth	415 mm
Height	380 mm

Door opening width	670 mm
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Door opening height	380 mm
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Thickness	60 mm
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Climatic class	T
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Chilling cycle	+90°C to +3°C
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Freezing cycle	+90°C to -18°C
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Chilling capacity	18kg
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Freezing capacity	12kg
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Refrigerant (gas)	R404A
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*Refrigerant capacity	810 W
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Electrical power supply

V	230
~	1
Hz	50

°Input electrical power	1350 W
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°Max. absorbed current	6.7 A
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Inside fittings for nr. of shelves GN1/1 and EN	5
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Interstep	65 mm
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* evap. temp. -25°C cond. temp. +45°C

° evap. temp. -10°C cond. temp. +55°C

