samaref®
cool instinct

Polar —
PO 12T P 3N
Pastry and bakery

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Technical data

Gross volume	427 lt
Working temperature	-40+10 °C
Performance from +90°C to +3°C	52 Kg
Performance from +90°C to -18°C	42 Kg
Motor type	Plug-in
Refrigerant	R290
Cooling power	4260 W (-10°C / +40°C)
Absorption	2963 W
Voltage/Frequency	400V/3~/50Hz

Refrigeration details

Refrigeration unit	Tropicalized and easy extractable monoblock units to guarantee reliability and performance at 43°C. Equipped with low consumption electronic motor fans and thermostatic valve
Refrigerant charge	150 gr + 150 gr
Evaporator	Conceived to provide the maximum exchange surface and to ensure optimal performance. Equipped with cataphoresis anti-corrosion treatment and door that can be opened for an easy cleaning
Defrost	Manual by air. The equipment can work for 24 hours avoiding ice formation on the evaporator
Condensate evaporation	Through easy extractable condensation collector tray (for installations without water drain system)

Construction details

Product dimensions WxDxH	800x825x1720
Packaging dimensions WxDxH	870x900x1830
Gross weight	194 kg
Structure	Stainless steel AISI 304 monocoque
External/Internal material	Inside and outside in stainless steel AISI 304; motor unit compartment and bottom in colaminated steel
Insulation thickness	60 mm of HFO polyurethane to guarantee high insulating properties (very low environmental impact: GWP <5 and zero ODP)
Door	1 Self-closing door right hinged, not reversible on site
Door gasket	Magnetic and removable, designed to improve insulation and to reduce energy consumption
Feet	AISI 304 stainless steel, height adjustable (135mm-230mm)

Functions

Control panel	Capacitive, simple and intuitive display
Open door alarm	Visual and acoustic
Functions	Soft and hard blast chilling, soft and hard blast freezing, automatic end cycle holding, pre-cooling
Probe	Needle probe with automatic recognition of the probe inserted in the food

Accessories

No. included accessories	12 - Pair of runners for GN 1/1 and EN 600x400 mm

Versions

Versions	Water cooling unit/ Power supply frequency 60Hz