

# Blast freezer room Metos MBF181RB-PFR-CO2

The Metos BF181RB is a blast chiller/freezer room designed for a single GN1 / 1 trolley, which also has control technology for controlled thawing of frozen products as standard. The device's three powerful fans, carefully designed air circulation and precise control ensure efficient heat exchange without breaking the structure of the product. PNR models are remote cooled models.

A large 5-inch touch screen is mounted at the user's height on the hinge side of the door, where it is also protected from knocks. The user-friendly display allows quick recording of product-specific quick-freeze and defrost programs. Ready-made cooling and defrosting programs can be easily found using the pictograms. The device's USB port allows you to quickly download programs and other data to the machine's memory, as well as copy data from the machine's memory.



- a trolley-filled room suitable for blast chilling, quick freezing and thawing
- dimensioning for one GN1 / 1 trolley
- with remote cooling connection, machine not included
- suitable for rapid cooling and defrosting
- cooling capacity 60 kg (90min / + 70... + 3)
- freezing capacity 30 kg (90min / + 70... -18)
- net internal dimensions of the room: (WxDxH) 680 x 780 x 1820 mm
- electronic control and adjustable fan speed
- large impact shields to protect the interior walls of the device
- programming panel at an ergonomic height at the top of the door
- product sensor with four measuring points
- ergonomic, full-length opening handle
- durable copper-aluminum

#### evaporator

- a tightly closing door and 80 mm thick polyurethane insulation improve energy efficiency
- environmentally friendly polyurethane insulation
- control of the cooling process by means of the internal temperature and surface temperature of the product
- measurement and precise control of the smelting process by means of temperature and humidity
- easy and fast to use with preset programs
- pre-cooling function
- the possibility to adjust the speeds of the evaporator fans during the cooling process
- automatic transition to storage stage at the end of the quick-cooling process
- stainless steel outer and inner lining
- rounded inner corners make cleaning easier
- cold power requirement 2170 W (at condensing temperature + 45 ° C and evaporation temperature -25 ° C)
- the declared capacities (kg / h) are nominal values and are not achievable with all foods or under all conditions.

#### ACCESSORIES (to be ordered separately):

- self-monitoring systems
- refrigeration unit evaporator
- a tightly closing door and 80 mm thick polyurethane insulation improve energy efficiency
- environmentally friendly polyurethane insulation
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- self-monitoring systems
- refrigeration unit

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Product capacity	90kg/+70...+3,50kg/+70...-18
Item width mm	890
Item depth mm	1325
Item height mm	2100
Package volume	5.183
Unit of volume	m3
Package volume	5.183 m3
Package length	236
Package width	120
Package height	183
Package unit of dimension	cm
Package dimensions (LxWxH)	236x120x183 cm
Net weight	480
Net weight	480 kg
Gross weight	620
Package weight	620 kg
Unit of weight	kg
Connection power kW	2.841
Fuse Size A	10
Connection voltage V	400
Number of phases	3NPE
Frequency Hz	50
Protection rating (IP)	54
Type of electrical connection	Semifixed
Cooling capacity W	2170
Condensing temperature °C	+45
Evaporation temperature °C	-25
Type of the refrigerant	CO2
Remarks (refrigeration)	Remote cooling

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Cooling unit

Remote cooled

