

Basic Laboratory Freezer

BLF 100



TECHNICAL CHARACTERISTICS:

- **Structure** : upright type, realized in sheet steel epoxy coated white colour (rust-proof material) outside and atoxic plastic material inside. All the internal corners are rounded to make easy any cleaning operations
- **Insulation** : high density (40 Kg/m³) foamed-in-place polyurethane, with a thickness of 50 mm. CFC-free
- **Feet** : Nr 4 feet, adjustable in height for levelling
- **Insulated door** : Nr 1, hinged, realized with the same material and insulation as the rest of the structure (sheet steel epoxy coated white colour outside and atoxic plastic material inside). The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing and external handle
- **Internal equipment** : Nr 3 storage baskets, that are provided with a plastic frontal part, incorporating the handle, that acts as innerdoor as close the space among the baskets, to avoid air cold loss at the opening of the external door. The baskets are supported by the evaporant shelves, that at the same time grants an optimal cooling of the basket itself
- **Control panel** : located in the top part of the structure. The control panel is compounded by a temperature control, superfreezing switch and alarm features
 - **Thermostat** : external, dial (mechanical), allowing the setting of the desired temperature within the freezer working range
 - **Alarm functions** : the alarm signalling is visual (with a

red colour LED) for high temperature. The intervention limits are factory setted and not adjustable. The alarm works only in case of presence of electricity

- **Superfreezing button** : increasing the freezing capabilities in case of new material to be frozen. Provided with an itsown indicator lamp when the function is activated
- **Cooling unit** : Nr 1, bottom mounted, with a condensing unit compounded by Nr 1 hermetic compressor and Nr 1 condenser, air cooled, fixed in the cabinet rear and also, into the storage chamber the multi-level evaporant shelves (under each basket, for a better temperature uniformity and stability). All the used components are industrial grade granting the maximum reliability
- **Refrigerant** : CFC- and HCFC-free
- **Defrosting** : manual
- **Refrigeration** : static, but thanks the multilevel evaporant shelves mounted under each basket, it is assure the temperature uniformity throughout all the chamber
- **Temperature range** : adjustable between -16°C / -26°C
- **Voltage (V/ph/Hz)** : 220-230/1/50
- **Plug** : Schuko type
- **Gross capacity (litres)** : 105
- **Net capacity (litres)** : 100
- **Dimensions (W x D x H cm)** : 55 x 62 x 85
- **Net weight (Kg)** : 60
- **Packed dimensions (W x D x H cm)** : 65 x 70 x 105 (0,48 m³)
- **Gross weight (Kg)** : 80

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ACCESSORIES AVAILABLE:

- Safety door lock with key
- Temperature chart recorder
- Wooden crate packing



* The declared performances are referred at +38°C ambient temperature, relative humidity of 70% and without any internal thermal mass (empty cabinet).

* Should it be necessary or useful without undermining any model essential features, technical and stylistic characteristics are subject to be changed without manufacturer's previous notice.

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