

# Basic Laboratory Freezer

# BLF 270



## 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/m<sup>3</sup>) foamed-in-place polyurethane, with a thickness of 90 mm. CFC-free
- **Feet/Rollers** : Nr 2 feet, adjustable in height for levelling, mounted in the front side and Nr 2 rollers mounted in the back side, to make easy any moving required
- **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, external handle with lever mechanism allowing the opening without any effort
- **Internal equipment** : Nr 7 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 display and switches, superfreezing switch and alarm features
  - **LED display and settings buttons** : Showing the actual internal temperature and through the setting buttons is possible to select the desired temperature within the freezer working range
  - **Alarm functions** : for high temperature. The alarm signalling is visual (with a red colour LED) and acoustic (through a buzzer, with muting facilities). During the muting, visual signalling persists with flashing LED. The intervention

limits are factory setted and not adjustable. The alarm works only in case of presence of electricity

- **Superfreezing switch**: activating the superfreezing function is possible to freezer new material in the shortest possible time, till 18 Kg within 24 hours
- **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 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** : automatic
- **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 -15°C / -24°C
- **Voltage (V/ph/Hz)** : 220-230/1/50
- **Plug** : Schuko type
- **Gross capacity (litres)** : 290
- **Net capacity (litres)** : 270
- **Dimensions (W x D x H cm)** : 60 x 65 x 180
- **Net weight (Kg)** : 90
- **Packed dimensions (W x D x H cm)** : 68 x 78 x 202 (1,08 m<sup>3</sup>)
- **Gross weight (Kg)** : 110

\* The declared performances are referred at +38°C a mbient 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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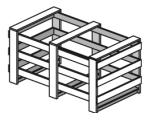
## ACCESSORIES AVAILABLE



Safety door lock with key



Temperature chart recorder



Wooden crate packing

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# NEWS 2011! NEWS 2011! NEWS 2011!



**90  
mm**

**Green  
FOAM**

## **Increased insulation thickness from 60 to 90 mm**

- ecological polyurethane foam insulation
- improved temperature holding time to grant a higher safety level for the stored products
- reduction of the energy consumption, through the inferior working time of the cooling unit, till a 20% respect a comparable models with inferior insulation thickness