

# Basic Laboratory Combined Refrigerator-Freezer

# BLCRF 370



## TECHNICAL CHARACTERISTICS:

- **Structure** : upright type, realized in sheet steel epoxy coated white colour (rust-proof material) outside and atoxic plastic material inside. The storage compartment is divided in the middle into 2 storage compartments fully insulated and completely independent between them, at the top the refrigerator compartment, while at the bottom the freezer. 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 40 mm in the refrigerator compartment and 60 mm in the freezer. 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 2, hinged, one above the other, both 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 doors are provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing and external handles. The internal side of the door of the refrigerator compartment is provided with balconies
- **Internal equipment** : REFRIGERATOR COMP. : Nr 5 storage shelves, made in tempered glass and Nr 2 storage baskets made in transparent atoxic plastic material. The shelves are easily removable and adjustable in height, without the use of any tool, as they fit into a series of fixed height slots  
: FREEZER COMP. : 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 tempered glass

shelves

- **Internal lighting (for the refrigerator compartment only)** : Nr 1 bulb, mounted into the refrigerator compartment, with automatic activation at every door opening through a special switch
- **Control panel** : mounted at the external side of the door of the refrigerator compartment at eye-level. The control panel is compounded a LCD display and 2 sets of touch-pads switches for the control of the refrigerator and freezer functions independently
  - **Temperature control display and switches (refrigerator compartment)** : the controls of the refrigerator compartment are compounded by the ON/OFF switch, setting switches, to adjust the temperature to the desired value and the SuperCool switch to increase the cooling performances
  - **Temperature control display and switches (freezer compartment)** : the controls of the freezer compartment are compounded by the ON/OFF switch, setting switches, to adjust the temperature to the desired value and the SuperFrost switch to increase the freezing performances. Also the freezer compartment is provided with an alarm signalling for door opening (acoustic only) and high temperature (both visual and acoustic). The acoustic alarm can be muted with a special switch
- **Cooling unit** : bottom mounted, with the condensing unit compounded by Nr 1 hermetic compressor and Nr 1 condenser, air cooled, fixed in the cabinet rear and also, into each chamber an the evaporator pipes foamed into the insulation and wrapping the storage chambers. All the used components are industrial grade granting the maximum reliability
- **Refrigerant** : CFC- and HCFC-free
- **Defrosting** : REFRIGERATOR COMP. : completely automatic, thermostat controlled. The condensate water is automatically channelled into an heated tray, for the automatic evaporation of the condensate water, located under the cabinet  
: FREEZER COMP. : manual
- **Refrigeration** : REFRIGERATOR COMP. : no-frost type, through a fan, granting the maximum temperature uniformity and stability inside of the cabinet  
: FREEZER COMP. : no-frost type, through a fan, granting the maximum temperature uniformity and stability inside of the cabinet
- **Temperature range** : REFRIGERATOR COMP. : adjustable between +2°C / + 11°C  
: FREEZER COMP. : adjustable between -16°C / -26°C
- **Voltage (V/ph/Hz)** : 220-230/1/50
- **Plug** : Schuko type
- **Gross capacity (litres)** : REFRIGERATOR COMP. : 290  
: FREEZER COMP. : 100

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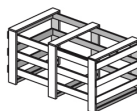
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- **Net capacity (litres)** : REFRIGERATOR COMP. : 277  
: FREEZER COMP. : 93
- **Dimensions (W x D x H cm)** : 60 x 65 x 200
- **Net weight (Kg)** : 110
- **Packed dimensions (W x D x H cm)** : 75 x 80 x 215 (1,29 m³)
- **Gross weight (Kg)** : 130

## ACCESSORIES AVAILABLE



Safety door lock with key



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.