



BASIC LABORATORY FREEZER GLASS DOOR

BLFG 140



- **Structure** : upright type, realized in sheet steel epoxy coated white colour both in- and outside
- **Insulation** : high density (40 Kg/m³) foamed-in-place polyurethane, with a thickness of 50 mm. CFC-free
- **Feet** : Nr 4, adjustable in height for levelling
- **Glass door** : Nr. 1, hinged, made a perimetrical aluminium frame white colour and three layers of tempered insulating glass, with vacuum among the glass layers in order to increase the insulating rate and an heating film for the full door height to prevent condensation and frost. The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing. The handle is realized in plastic material and it is fixed in the top part of the door
- **Internal equipment** : Nr 2, storage open wire shelves realized sheet steel with a strong plastic coating (rust-proof material) . The shelves are mounted on brackets and they can be easily removed and adjusted in height without the use of any tool
 - Shelf dimensions (W x D cm) : 47 x 42
 - Shelf loading capability (Kg) : 25 (with uniformly stored material)
- **Internal lighting** : Nr 1 neon tube, located in the ceiling of the storage chamber, with automatic activation through a special switch located on the control panel

- **Control panel** : located in the top part of the structure (above the door) is compounded by the main switch, lighting switch and digital electronic thermostat with incorporated alarm
 - Main switch : appliance's ON/OFF switch, adjustable in 2 positions, it became illuminated when on the position ON
 - Lighting switch : to light the internal illumination of the cabinet, adjustable in 2 positions (ON/OFF), it became illuminated when on the position ON
 - Digital electronic thermostat with incorporated alarm : microprocessor operating, with 4 switches, allowing the control of all the freezer functions (maintaining of the set temperature, defrostings, compressor and fans functioning). The internal temperature is displayed with a LED display, with red colour, bright indication and an accuracy of 0,1°C. Into its functions, the thermostat includes even an alarm, both acoustic (with a buzzer) and visual (with indication LED dots) for temperature deviations, both over or below than the programmed one, with limits that remains adjustable according to the user needs. The acoustic alarm can be even muted through a special switch
- **Cooling unit** : bottom mounted, with the condensing unit compounded by Nr 1 hermetic compressor and Nr 1 wire condenser, air cooled through a fan while the evaporator, foamed into the insulation, wrap the storage chamber. All the mounted components are industrial grade to grant the maximum reliability
- **Refrigerant** : R404a CFC-free
- **Refrigeration** : static. Thanks to the evaporator fitted on three sides of the storage chamber, the for the full height, it is assured the internal temperature uniformity and stability
- **Defrosting** : manual
- **Temperature range** : infinitely adjustable between -5°C / -25°C
- **Voltage (V/ph/Hz)** : 220-230/1/50
- **Plug** : Schuko type
- **Breakers** : Nr 2 glass cartridge fuses with a rating of 10A, at protection of the appliance
- **Noise level (dB(A))** : ≤ 48
- **Gross capacity (litres)** : 150
- **Net capacity (litres)** : 140
- **Dimensions (W x D x H cm)** : 60 x 62 x 84
- **Net weight (Kg)** : 60
- **Packed dimensions (W x D x H cm)** : 70 x 75 x 115 (0,60 m³)
- **Gross weight (Kg)** : 70



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ACCESSORIES AVAILABLE



Safety door lock with key



Temperature chart recorder



Wooden crate packing



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* The declared performances are referred at +28°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.