

# Laboratory Refrigerator

# LR 130



## TECHNICAL CHARACTERISTICS:

- **Structure** : upright type, realized in sheet steel epoxy coated white colour both in- and outside. All the internal corners are rounded to make easy any cleaning operations and the internal bottom is tray type to contain spills
- **Insulation** : high density (40 Kg/m<sup>3</sup>) foamed-in-place polyurethane, with a thickness of 50 mm. CFC-free
- **Feet** : Nr 4, adjustable in height for levelling
- **Insulated door** : Nr 1, hinged, made with the same material and insulation as the rest of the structure (sheet steel epoxy coated white colour in- and outside). The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing and special door switch that light the internal lighting at every opening. The door closing profile is heated to avoid the gasket frosting. The handle is realized in plastic and it is fixed at the side 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 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
  - Digital electronic thermostat with incorporated alarm : microprocessor operating, with 4 switches, allowing the control of all the refrigerator functions (maintaining of the setted 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 compressors 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 / -20°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)** : 130
- **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 m<sup>3</sup>)
- **Gross weight (Kg)** : 70

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## ACCESSORIES AVAILABLE:

- Extra wire shelf
- Temperature chart recorder
- Wooden crate packing
- Kit of rollers
- Electronic temperature printer
- Safety door lock with key
- Different voltage



\* The declared performances are referred at +32°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.