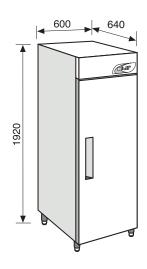


### LABORATORY REFRIGERATOR

# LR 370 W (White finishing) LR 370 S (Stainless steel finishing)

- Structure: upright type, realized in sheet steel with special anti-bacterial epoxy coating white colour both in- and outside or in stainless steel 18/10 AISI 304 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/m³) foamed-in-place polyurethane, with a thickness of 50 mm. CFC-free
- Feet: Nr 4 made in stainless steel 18/10 AISI 304, 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 with special anti-bacterial epoxy coating white colour or stainless steel 18/10 AISI 304 always both in- and outside). The door is provided with a removable magnetic rubber gasket in order to grant a perfect hermetic closing. The handle is flush-fitting type so does not increase the size of the refrigerator and reversibility facilities, to change the door hanging. The door is also fitted with a spring loaded automatic closing device for openings inferior 90° and special door switch that stops the internal ventilation at the door opening (to limit the air cold loss) and light the internal lighting at every opening
- Internal equipment: Nr 3, storage open wire shelves realized in sheet steel with a strong plastic coating (rust-proof material). The shelves are mounted on special anti-tilt stainless steel slides that allows the shelf extraction and they can be easily removed and adjusted in height without the use of any tool. The special internal racking-system allows a great flexibility of the internal fitting with the possibility of interchange and combine both shelves and drawers (drawers optionally available)
  - Shelf dimensions (W x D cm): 46 x 47
  - Shelf loading capability (Kg): 30 (with uniformly stored material)
- Internal lighting: Nr 1 LED lamp, mounted in the bottom part of the control panel, with automatic activation at every door opening through a special switch
- Control panel: located in the top part of the structure (above the door), it is microprocessor operating with 6 soft-touchpads and LED display, allowing the control of all the functions and working status of the refrigerator (including alarms). The main functions of the control panel are:
  - LED display, with bright indication, red colour, of the actual internal temperature and enlightened icons in green colour indicating the appliance working status (compressor functioning, defrosting, fan running, etc.)
  - Digital temperature adjusting and displaying with an accuracy of 0,1°C
  - Keyboard buttons with locking protection, manually activable, to avoid tampering from unauthorized persons
  - Visual and acoustic alarm signalling (with automatic resetting) for:
    - high and low temperature with limits programmable from the user
    - door ajar, delayed to allow the standard operations
    - power failure (at the return of the mains supply)
    - anti-freezing evaporator
    - sensors failure
  - Muting facilities for the acoustic alarms with maintaining of the visual indication of the alarm condition
  - Alarms memory for the last 10 alarm conditions, with the possibility of checking from the display, the sort of alarm, when the alarm is started,







#### LABORATORY REFRIGERATOR

when it is ended and which is the highest or lowest peak reached from the temperature (where applicable)

- Ntc type sensors for a high accuracy of the temperature control
- NC contact to remote the alarm signals
- Cooling unit: top mounted, with the condensing unit compounded by Nr 1 hermetic compressors and Nr 1 finned condenser, air cooled through a fan. Also, in the ceiling of the storage chamber, is mounted the finned evaporator with copper pipes, that is housed into a stainless steel cover that incorporate the fan. All the mounted components are industrial grade to grant the maximum reliability
- Refrigerant: R452A CFC-free
- Refrigeration: forced-air, through a fan, granting the maximum temperature uniformity and stability inside of the cabinet
- **Defrosting:** completely automatic, thermostat controlled. The condensate water is automatically channelled into an heated tray, located in the cabinet backside, for the automatic evaporation of the condensate water
- Temperature range: infinitely adjustable between 0°C / +15°C
- Voltage (V/ph/Hz): 220-230/1/50
- Plug: Schuko type (type F+E)
- Breakers: Nr 2 glass cartridge fuses with a rating of 10A, at protection of the appliance
- Noise level (dB(A)): ≤ 50
- Gross capacity (litres): 400 (14.12 cu.ft.)
- Net capacity (litres): 370 (13.06 cu.ft.)
- Dimensions (W x D x H cm): 60 x 64 x 192
- Net weight (Kg): 90
- Packed dimensions (W x D x H cm): 70 x 80 x 212 (1,19 m³)
- Gross weight (Kg): 110

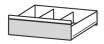


## LABORATORY REFRIGERATOR

#### **ACCESSORIES AVAILABLE**



Extra wire shelf



Stainless steel drawer



Front top for drawers



Safety door lock with key



Internal electrical socket



Cable port with cover Ø 45 mm



Safety anti-freezing thermostat



Natural refrigerant R290



Wooden crate packing

230V / 60 Hz Different voltage



Wire basket



Plastic partitions for drawers



Kit of castors



Temperature chart recorder



Cable port with cover Ø 18 mm



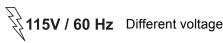
Internal spark-proofing



Temperature uniformity and stability kit



GSM/GPRS telephone dialer









<sup>\*</sup> The declared performances are referred at +35°C ambient temperature, relative humidity of 70% and without any internal thermal mass (empty cabinet).

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<sup>\*</sup> 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.